FACULTY OF ARTS AND SOCIAL SCIENCES

SYLLABUS
BACHELOR OF ARTS
(Semester: III and IV)
(Under Credit Based Continuous Evaluation Grading System)

Session: 2025-26

The Heritage Institution
KANYA MAHA VIDYALAYA
JALANDHAR
(Autonomous)

FACULTY OF ARTS & SOCIAL SCIENCES
Index of Semester III & IV

SCHEME AND CURRICULUM OF EXAMINATION OF

Bachelor of Arts / Bachelor of Science (Medical) / Bachelor of Science (Non-Medical) / Bachelor of Science (Computer Science) / Bachelor of Science (Economics)/ Bachelor of Commerce/ Bachelor of Business Administration (Three Year Degree Programme)

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Bachelor of Arts (Honours) / Bachelor of Science (Medical) (Honours) / Bachelor of Science (Non-Medical) (Honours) / Bachelor of Science (Computer Science) (Honours) / Bachelor of Science (Economics) (Honours)/ Bachelor of Commerce (Honours) / Bachelor of Business Administration (Honours) (Four Year Degree Programme)

(Semester III)

Session 2025-26

ENGLISH LANGUAGE SKILLS-II
Course Code: BARL/BSML/BSNL/BCSL/BECL/BCRL/BBRL -3212

(NEP-2020

ENGLISH LANGUAGE SKILLS-II Semester III									
Course Code	Course Name	Course Type	Hours per week L-T-P	Credits	Marks				Examination time (in Hours)
					Total	Ext.		CA	
						L	P		
BARL-3212 BSML-3212 BSNL-3212 BCSL-3212 BECL-3212 BCRL-3212 BBRL-3212	B.A/ B.Sc. (Medical) / B.Sc. (Non-Medical) / B.Sc. (Comp. Science) / B.Sc. (Economics) / B.com/BBA	AEC	4-0-0	4-0-0	100	70	-	30	3

Bachelor of Arts / Bachelor of Science (Medical) / Bachelor of Science (Non-Medical) / Bachelor of Science (Computer Science) / Bachelor of Science (Economics)/ Bachelor of Commerce/ Bachelor of Business Administration (Three Year Degree Programme)

&

Bachelor of Arts (Honours) / Bachelor of Science (Medical) (Honours) / Bachelor of Science (Non-Medical) (Honours) / Bachelor of Science (Computer Science) (Honours) / Bachelor of Science (Economics) (Honours)/ Bachelor of Commerce (Honours) / Bachelor of Business Administration (Honours) (Four Year Degree Programme)

(Semester III)

Session: 2025-26

COURSE OUTCOMES

After passing this course, the students will be able to:

CO 1: understand fundamental grammatical rules governing tenses, the use of modal verbs and make correct usage in their language through the study of "English Grammar in Use" by Raymond Murphy

CO 2: to develop the art of creative expression bywriting a paragraph on any given topic

CO 3: comprehend the meaning of texts and answer questions related to situations, episodes, and characters depicted in them through the study of the essays in the text "Prose for Young Learners"

CO 4: appreciate the writings of various Indian and foreign story and prose writers and relate them to their socio-cultural milieu through the study of the essays in the text "Prose for Young Learners"

Bachelor of Arts / Bachelor of Science (Medical) / Bachelor of Science (Non-Medical) / Bachelor of Science (Computer Science) / Bachelor of Science (Economics)/ Bachelor of Commerce/ Bachelor of Business Administration (Three Year Degree Programme)

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Bachelor of Arts (Honours) / Bachelor of Science (Medical) (Honours) / Bachelor of Science (Non-Medical) (Honours) / Bachelor of Science (Computer Science) (Honours) / Bachelor of Science (Economics) (Honours)/ Bachelor of Commerce (Honours) / Bachelor of Business Administration (Honours) (Four Year Degree Programme)

(Semester III) Session 2025-26

ENGLISH LANGUAGE SKILLS-II
Course Code: BARL/BSML/BSNL/BCSL/BECL/BCRL/BBRL -3212

(NEP-2020)

Max. Marks: 100

Examination Time: 3 Hrs.   Theory: 70

CA: 30

Instructions for the Paper Setters:-
Eight questions are to be set, two from each of the four Units (I-IV). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section. Each question will carry 14 marks.   (14x5=70)

UNIT-I
English Grammar in Use, 5th Edition by Raymond Murphy, CUP (Units: 98-130)

UNIT-II
Essay Writing and English Grammar in Use (Units: 131-145)

UNIT-III

Making Connections by Kenneth J. Pakenham, 3rd Edn. CUP: Unit-I (Global Health) and Unit II (Multicultural Societies)

UNIT-IV

Making Connections by Kenneth J. Pakenham, 3rd Edn. CUP: Section III (Aspects of Language) and Section IV (Sustaining Planet Earth)

Texts Prescribed:
1.English Grammar in Use (Fifth Edition) by Raymond Murphy, CUP
2.Making Connections by Kenneth J. Pakenham, 3rd Edn. CUP

Scheme and Curriculum of Examination of Four Year Degree Programme

Bachelor of Arts / Bachelor of Science (Medical) / Bachelor of Science (Non-Medical) / Bachelor of Science (Computer Science) / Bachelor of Science (Economics)/ Bachelor of Commerce/ Bachelor of Business Administration (Three Year Degree Programme)

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Bachelor of Arts (Honours) / Bachelor of Science (Medical) (Honours) / Bachelor of Science (Non-Medical) (Honours) / Bachelor of Science (Computer Science) (Honours) / Bachelor of Science (Economics) (Honours)/ Bachelor of Commerce (Honours) / Bachelor of Business Administration (Honours) (Four Year Degree Programme)

(Semester IV)

Session: 2025-26

Course Code	Course Name	Course Type	Hours per week L-T-P	Credits	Marks				Examination time (in Hours)
					Total	Ext.		CA	
						L	P		
BARL-4212 BSML-4212 BSNL-4212 BCSL-4212 BECL-4212 BCRL-4212 BBRL-4212	B.A/ B.Sc. (Medical)/ B.Sc. (Non-Medical) / B.Sc. (Comp. Science) / B.Sc. (Economics)/B.com/ BBA	MDC	4-0-0	4-0-0	100	70	-	30	3

APPRECIATING ENGLISH LITERATURE-II   Semester IV

MDC -Multidisciplinary Course

Bachelor of Arts / Bachelor of Science (Medical) / Bachelor of Science (Non-Medical) / Bachelor of Science (Computer Science) / Bachelor of Science (Economics)/ Bachelor of Commerce/ Bachelor of Business Administration (Three Year Degree Programme)

&

Bachelor of Arts (Honours) / Bachelor of Science (Medical) (Honours) / Bachelor of Science (Non-Medical) (Honours) / Bachelor of Science (Computer Science) (Honours) / Bachelor of Science (Economics) (Honours)/ Bachelor of Commerce (Honours) / Bachelor of Business Administration (Honours) (Four Year Degree Programme)

(Semester IV)

Session 2025-26

APPRECIATING ENGLISH LITERATURE-II
Course Code: BARL/BSML/BSNL/BCSL/BECL/BCRL/BBRL-4212

(NEP-2020)

COURSE OUTCOMES

After passing this course, the students will be able to:

CO 1: change the narration and voice of sentences after understanding fundamental grammatical rules governing them through the study of "English Grammar in Use" by Raymond Murphy

CO 2: to learn towrite personal letters and enhance the writing skills

CO 3:comprehend the meaning of texts and answer questions related to situations, episodes, themes and characters depicted in them through the study of the stories in the text "Tales of Life".

CO 4: appreciate the writings of various Indian and foreign story and Short - Story writers and relate them to their socio-cultural milieu through the study of the stories in the text "Tales of Life".

Bachelor of Arts / Bachelor of Science (Medical) / Bachelor of Science (Non-Medical) / Bachelor of Science (Computer Science) / Bachelor of Science (Economics)/ Bachelor of Commerce/ Bachelor of Business Administration (Three Year Degree Programme)

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Bachelor of Arts (Honours) / Bachelor of Science (Medical) (Honours) / Bachelor of Science (Non-Medical) (Honours) / Bachelor of Science (Computer Science) (Honours) / Bachelor of Science (Economics) (Honours)/ Bachelor of Commerce (Honours) / Bachelor of Business Administration (Honours) (Four Year Degree Programme)

(Semester IV)

Session 2025-26

APPRECIATING ENGLISH LITERATURE-II
Course Code: BARL/BSML/BSNL/BCSL/BECL/BCRL/BBRL -4212

	Max. Marks: 100
Examination Time: 3 Hrs.	**Theory: 70**
	CA: 30

Instructions for the Paper Setters:-
Eight questions are to be set, two from each of the four Units (I-IV). Questions may be subdivided into parts (not exceeding four). Candidates arerequired to attempt five questions, selecting at least one question from each Section. The fifthquestion may be attempted from any Section.Each question will carry 14 marks.   (14x5=70)

UNIT-I
English Grammar in Use, 5th Edition by Raymond Murphy, CUP (Revision of Units: 26-37, 42-48, 92-97,113-120)

UNIT-II
Moments in Time: Poems at Sr. No. 1-6

UNIT-III
Moments in Time: Poems at Sr. No. 7-12

UNIT-IV

Paragraph writing, Business Letters, Writing Emails
Texts Prescribed:
1.English Grammar in Use (Fourth Edition) by Raymond Murphy, CUP
2.*Moments in Time*
3. *Making Connections*

SCHEME AND CURRICULUM OF EXAMINATION OF THREE YEAR DEGREE PROGRAMME
BACHELOR OF ARTS

Session-2025-26

ENGLISH (ELECTIVE)

Course Code	Course Name	Course Type	Hours per week L-T-P	Credits L-T-P	Total	Ext. L	Ext. P	CA	Examination time (in Hours)
BARM-3198	English (Elective)	E	4-0-2	4-0-1	100	50	20	30	3

E - Elective

BACHELOR OF ARTS (Semester III)

Session 2025-26

ENGLISH (ELECTIVE)

Course Code: BARM-3198

COURSE OUTCOMES

At the end of this course, students will be able to:

CO 1: understand the various literary devices and their significance by studying the various texts

CO 2: recognisethe phonetic symbols of English language and phonetically transcribe words

CO 3: acquire an understanding of sustained allegory, as well as the basic tenets of Marxism and Capitalism and the social implications of these theories, through the study of novel, *Animal farm* by George Orwell

CO 4: appreciate the various style, theme, genres of poetry by studying the poems prescribed

BACHELOR OF ARTS (Semester III)

Session 2025-26

ENGLISH (ELECTIVE)

Course Code: BARM-3198

Total Marks: 100

Examination Time: 3 Hrs   **Theory: 50**

Practical:20

CA: 30

Instructions for the Paper setter:

Section–A

The students are required to attempt any three literary terms out of given five (to be answered in 100 words approximately)   **(3x3=9)**

Section–B

The students will attempt any 9 words for transcription out of given 12 words (6 from the prescribed list and 6 any non-prescribed words)   **(9x1=9)**

Section–C

i. Students are required to attempt any one of the two questions based on reference to the context. (Approximately 300 words each)   **(1x6=6)**

ii. Students are required to attempt any two of three questions based on the theme, plot, characterization (approximately 500 words each)   **(2x5=10)**

Section–D

i. Two questions based on reference to the context will be set and students are required to attempt either of the two (in 300 words approximately)   **(1x6=6)**

ii. Three questions based on the theme, plot, characterization will be set and students are required to attempt any two (in 500 words approximately)

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(2x5=10)

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BACHELOR OF ARTS (Semester III)

Session 2025-26

ENGLISH (ELECTIVE)

Course Code: BARM-3198

UNIT-I

Literary Terms*: Beast Fable, Conflict, Resolution, Dystopia, Utopia, Allegory, Allusion, Augustan Age, Romantic Age, Ballad

UNIT-II

Words for Transcription: agony, antonym, capable, committee, decorum, aeroplane, calendar, privacy, absolute, academy, academic, advertisement, adversity, allopathic, mathematics, automobile, biography, biology, competition, competitive, certificate, certify, democracy, capacity, magnificent

UNIT-III

Animal Farm by George Orwell

UNIT-IV

Fresh Showers (A Collection of Poems)

1. Belinda's Toilet by Alexander Pope
2. London by William Blake
3. The Tables Turned by William Wordsworth
4. Man and Nature by Lord Byron
5. The Cloud by P. B. Shelley
6. Voices by Walter de la Mare

7. Futility by Wilfred Owen
8. Day Break by Stephen Spender
9. Self's the Man by Philip Larkin
10. Spinster by Sylvia Plath
11. Leave This Chanting by Tagore
12. The Poet by Sant Singh Sekhon
13. Guru by Nissim Ezekiel

Books Prescribed:
1. *Animal Farm* by George Orwell
2. *Fresh Showers* (A Collection of Poems)
3.   *A Glossary of Literary Terms by* M.H. Abrams
4. *Better Pronunciation of English* by J. D. O'Connor

(Semester III)

Session 2025-26

ENGLISH (ELECTIVE)

Course Code: BARM-3198

PRACTICAL / ORAL TESTING

Time: 3 hours   **Marks: 20**

Course Contents:

1. Making PPT's from *Animal Farm*   (10 Marks)

2. Blog Writing   (10 Marks)

SCHEME AND CURRICULUM OF EXAMINATION OF THREE YEAR DEGREE PROGRAMME
BACHELOR OF ARTS

Session-2025-26

ENGLISH (ELECTIVE)

Course Code	Course Name	Course Type	Hours per week L-T-P	Credits L-T-P	Marks				Examination time (in Hours)
						Ext.			
					Total	L	P	CA	
BARM-4198	English (Elective)	E	4-0-2	4-0-1	100	50	20	30	3

E - Elective

BACHELOR OF ARTS (Semester IV)

Session 2025-26

ENGLISH (ELECTIVE)

Course Code: BARM-4198

COURSE OUTCOMES

At the end of this course, students will be able to:

CO 1: understand the various literary devices and their significance by studying the various texts

CO 2: recognisethe phonetic symbols of English language and phonetically transcribe words

CO3: acquire an understanding of various social issues on global level as portrayed in various essays prescribed from the text, *Modern Prose*

CO4: have a glimpse of different cultures of the world by reading various stories from commonwealth countries, depicted in the stories from the text, *Dispelling Silence*

BACHELOR OF ARTS (Semester IV)

Session 2025-26

ENGLISH (ELECTIVE)

Course Code: BARM-4198

Total Marks: 100

Examination Time: 3 Hrs   **Theory: 50**

Practical:20

CA: 30

Instructions for the Paper setter:

Section–A

The students are required to attempt any three literary terms out of given five (to be answered in 100 words approximately)   **(3x3=9)**

Section–B

The students will attempt any 9 words for transcription out of given 12 words (6 from the prescribed list and 6 any non-prescribed words)   **(9x1=9)**

Section–C

i. Students are required to attempt any one of the two questions based on reference to the context. (Approximately 300 words each)   **(1x6=6)**

ii. Students are required to attempt any two of three questions based on the theme, plot, characterization (approximately 500 words each)   **(2x5=10)**

Section–D

i. Two questions based on reference to the context will be set and students are required to attempt either of the two (in 300 words approximately)   **(1x6=6)**

ii. Three questions based on the theme, plot, characterization will be set and students are required to attempt any two (in 500 words approximately)

(2x5=10)

BACHELOR OF ARTS (Semester IV)

Session 2025-26

ENGLISH (ELECTIVE)

Course Code: BARM-4198

UNIT-I

Literary Terms: Plot, Character, Characterization, Flat Character, Round Character, Climax, Antagonist, Fable, Fiction

UNIT-II

Words for Transcription: Accommodation, appreciation, capability, civilization, examination, pronunciation, university, terminology, utility, nationality, objectionable, rationality, testimonial, vocabulary, superintendent, satisfactory, rehabilitate, consultation, dictionary, veterinary, espionage, singularity, tranquility, interference, pavilion

UNIT-III

Modern Prose (Essays at serial No. 3, 4, 5, 7, 11, 12)

UNIT-IV

Dispelling Silence: Short Stories (Stories at serial No. 1, 2, 6, 7, 8, 10, 11,12)

Books Prescribed:
1.   *Modern Prose*, G.N.D.U. Amritsar
2.   *Dispelling Silence: Short Stories*
3.   *Glossary of Literary Terms by* M.H. Abrams
4.   *Better Pronunciation of English* by J. D. O'Connor

(Semester IV)

Session 2025-26

ENGLISH (ELECTIVE)

Course Code: BARM-4198

PRACTICAL / ORAL TESTING

Time: 3 hours   **Marks: 20**

Course Contents:

1. Short Story writing   (10 Marks)

2.Group Discussion   (10 Marks)

SCHEME AND CURRICULAM OF EXAMINATION
OF THREE YEAR DEGREE PROGRAMME
CREDIT BASED CONTINUOUS EVALUATION
GRADING SYSTEM (CBCEGS)
PG DEPARTMENT OF HINDI
Session 2025-26
Programme: Bachelor of Arts

(SemesterIII)
Hindi (ELECTIVE)

Bachelor of Arts
SemesterIII

Course Code	Course Name	Course Type	Hrs/ Weeks	Credits L.T.P	Total Credits	Total	L	P	CA	Examination time (in Hours)
							Ext.		
BARL-3268	**HINDI (ELECTIVE)** (□□□□□□□□ □□□□□ ,□□□□□□,□□ □□□□□ □□□ □□□□□□□□)	E	4-2-0	4-1-0	5	100	70	-	30	3

PG DEPARTMENT OF HINDI
Session 2025-26
Bachelor of Arts (HONOURS)
(SemesterIII)
CORSE CODE -BARL-3268
COURSE TITLE - Hindi (ELECTIVE)(मध्ययुगीन काव्य , इतिहास,व्याकरण तथा काव्यांग)

Course Outcomes :
इस पाठ्यक्रम को उत्तीर्ण करने के पश्चात् विद्यार्थी निम्नांकित दृष्टि से योग्य होंगे :

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PG DEPARTMENT OF HINDI
Session 2025-26
Programme: Bachelor of Arts(HONOURS)
(SemesterIII)
CORSE CODE -BARL-3268
COURSE TITLE - Hindi (ELECTIVE)(मध्ययुगीन काव्य , इतिहास,व्याकरण तथा काव्यांग)

Total-100

समय : तीन घंटे CA- 30

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इकाई –चार

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SCHEME AND CURRICULAM OF EXAMINATION
OF THREE YEAR DEGREE PROGRAMME
CREDIT BASED CONTINUOUS EVALUATION
GRADING SYSTEM (CBCEGS)
PG DEPARTMENT OF HINDI
Session 2025-26
Programme: Bachelor of Arts(HONOURS)
(SemesterIV)
Hindi (ELECTIVE)

Bachelor of Arts
SemesterIII

Course Code	Course Name	Course Type	Hrs/ Weeks	Credits L.T.P	Total Credits	Marks				Examination time (in Hours)
						Total	Ext.			
							L	P	CA	
BARL-4268	**HINDI (ELECTIVE)** (□□□□□□□ , □□□□ : □□□□□□□□□□□ , □□□□□□□ □□□ □□□□□□□□)	E	4-2-0	4-1-0	5	100	70	-	30	3

PG DEPARTMENT OF HINDI
Session 2025-26
Bachelor of Arts(HONOURS)
(Semester-IV)
COURSE TITLE:HINDI (ELECTIVE) (▢▢▢▢▢▢▢ , ▢▢▢▢ :
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Course Code - BARL - 4268

Course Outcomes :

इस पाठ्यक्रम को उत्तीर्ण करने के पश्चात् विद्यार्थी निम्नांकित दृष्टि से योग्य होंगे :

CO 1 ▢▢ ▢▢▢▢▢▢▢▢▢▢ ▢▢▢ ▢▢▢▢▢▢▢▢▢ ▢▢▢▢▢▢▢ ▢▢ ▢▢▢▢▢▢▢ ▢▢▢▢▢▢▢ ▢▢ ▢▢▢▢▢▢▢ ▢▢▢▢▢▢ ▢▢▢ ▢▢ ▢▢▢▢ ▢▢ ▢▢▢▢▢▢▢▢ ▢▢ ▢▢▢▢▢▢ ▢▢▢▢▢▢▢

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PG DEPARTMENT OF HINDI
Session 2025-26
Bachelor of Arts(HONOURS)
(Semester-IV)
COURSE TITLE:HINDI (ELECTIVE) (□□□□□□ , □□□□ :
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Course Code - BARL - 4268

Total-100

समय : तीन घंटे

CA- 30
TH-70

LTP- 4 -1 -0

परीक्षक के लिए आवश्यक निर्देश :

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इकाई– एक

व्याख्या के लिए निर्धारित कृति :-

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इकाई – दो

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इकाई – तीन

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इकाई – चार

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E – Elective

THE HERITAGE INSTITUTION
KANYA MAHA VIDYALAYA, JALANDHAR (AUTONOMOUS)
SCHEME AND CURRICULUM OF EXAMINATION OF FOUR YEAR
DEGREE PROGRAMME BACHELOR OF ARTS / BACHELOR OF
SCIENCE / HONOURS SANSKRIT (ELECTIVE) UNDER (NEP)
(FACULTY OF LANGUAGES)
BACHELOR OF ARTS (SEMESTER - III)
SESSION : 2025-2026
Under Graduate Department of Sanskrit
Bachelor of Arts Sanskrit (Elective) , Semester-III)

Programme Name	Course Title Discipline Specific Course	Course Code	Course Type	Total Marks	Marks L - P	C A (Continous) Assessment)	Examination time (in Hours)	Credits- T-P
Bachelor of Arts	NATAK TATHA VYAKAR ANA	BARL : 3466	E	100	70	30	3 Hours	4-1-0

BACHELOR OF ARTS / BACHELOR OF SCIENCE / HONOURS
SANSKRIT (ELECTIVE)
UNDER (NEP) (BATCH 2025-2029)
(FACULTY OF LANGUAGES)
BACHELOR OF ARTS (SEMESTER - III)
SESSION : 2025-2026
Under Graduate Department of Sanskrit
Bachelor of Arts Sanskrit (Elective) , Semester- III)
Sanskrit Elective – Nataka Tatha Vyakarana
Course Code : BARL : 3466

Course Outcomes :

1. Undergraduate Department of Sanskrit Students will develop the skill to understand the Sanskrit Nataka and its Technical Shabdawali.

2. The Sanskrit Students will develop the skill to read, write,learn and understand the application of Sanskrit Dhaturupas in the Sanskrit Natak.

3. The Sanskrit Students will develop the skill to understand Sanskrit Chandas in the Sanskrit Literature.

4. The Sanskrit Students will develop the skill to understand sanskrit suffixes in Sanskrit Literature.

Bachelor of Arts , Semester- III

Ho hours Sanskrit (Elective)

(Faculty of Languages)

Session   :   2025 - 2026

SANSKRIT (ELECTIVE)

(नाटक तथा व्याकरण)

Course Code - BARL : 3466   समय - तीन घण्टे

Credits   :   4-0 -1   End Semester Examination - 70

निरन्तर मूल्याङ्कन - 30 अंक

पाठ्यक्रम :

(6 Periods Per Week for Theory and Two Periods Per week for Composition)

प्रश्नपत्र का माध्यम हिन्दी होगा । उत्तर संस्कृत / हिन्दी/ पंजाबी / अंग्रेजी में हो सकते हैं ।

नोट -   पाठ्यक्रम के चार सैक्शन A, B, C, D होंगे । प्रत्येक सैक्शन में दो प्रश्न होंगे । इस प्रकार
चार सैक्शन में   कुल आठ प्रश्न होंगे । विद्यार्थी किसी एक   सैक्शन से दोनों प्रश्न
करेगा । शेष तीन सैक्शन में से केवल एक - एक प्रश्न करेगा । सभी प्रश्नों के अंक 14 समान होंगे   ।

सैक्शन - A

(क)   मध्यमव्यायोग: संस्कृत नाटक के पर्यों की सप्रसङ्ग व्याख्या ।

सैक्शन - B

(क)   मध्यमव्यायोग ;संस्कृत नाटक की सूक्तियों की सप्रसङ्ग व्याख्या ।

(ख)   मध्यमव्यायोग संस्कृत नाटक के प्रश्न, सार , पात्र, चरित्र-चित्रण, नायक, कथावस्तु इत्यादि ।

सैक्शन - C

(क)   धातुरूप   :   निर्धारित धातुओं के लट् एवं लोट् लकारों में रूप

१.   भ्वादिगण   -   रक्ष्, पा, नम् ।

२. अदादिगण - अस् ।

३. तुदादिगण - तुद्, सिच्, प्रच्छ्, मुच्, मिल् ।

४. तनादिगण - कृ

५. चुरादिगण - चुर्, कथ्, भक्ष्, चिन्त्, रच् ।

(ख) व्यञ्जन सन्धि

(ग) छन्द - अनुष्टुप्, वंशस्थ, इन्द्रवज्रा, उपेन्द्रवज्रा, उपजाति, मालिनी, विद्युन्माला, वसन्ततिलका ।

सैक्शन - ई

(क) सैक्शन सी में निर्धारित धातुओं के लट्, विधिलिङ्, लृट् लकारों में रूप ।

(ख) तद्धित प्रत्यय : त्व, तल्, मयट्, तरप्, तमप् ।

(२३)

Bachelor of Arts , Semester- III

SANSKRIT (ELECTIVE)

(Faculty of Languages)

Session : 2025-2026

(नाटक तथा व्याकरण)

Course Code - BARL : 3466

समय - तीन घण्टे   End Semester Examination - 70

निरन्तर मूल्याङ्कन - ३०

प्रश्नपत्रनिर्माणनिर्देश :

प्रश्नपत्र का माध्यम हिन्दी होगा । उत्तर संस्कृत / हिन्दी/ पंजाबी / अंग्रेजी में हो सकते हैं ।

नोट - पाठ्यक्रम के चार सैक्शन A, B, C, D होंगे । प्रत्येक सैक्शन में दो प्रश्न होंगे । इस प्रकार चार सैक्शन में कुल आठ प्रश्न होंगे । विद्यार्थी किसी एक सैक्शन से दोनों प्रश्न करेगा । शेष तीन सैक्शन में से केवल एक -एक प्रश्न करेगा । सभी प्रश्नों के अंक 14 समान होंगे ।

सैक्शन - ए

Question -1   मध्यमव्यायोग के दो पद्यों की सप्रसङ्ग व्याख्या करने को कहा जाए ।   १४ अंक

Question -2   मध्यमव्यायोग के दो पद्यों की सप्रसङ्ग व्याख्या करने को कहा जाए । १४ अंक

सैक्शन- बी

Question - 3   मध्यमव्यायोग संस्कृत नाटक की 2 सूक्तियों की सप्रसङ्ग व्याख्या करने को कहा जाए ।   १४ अंक

Question - 4   पाठ्यक्रम में निर्धारित प्रश्नों में से दो प्रश्नों के उत्तर लिखने को कहा जाए ।

१४ अंक

Question - 5 पाठ्यक्रम में निर्धारित धातुओं में से चार धातुओं के सट् एवं लोट् लकारों में रूप पूछे जाए। १४

Question - 6 (क) पाठ्यक्रम में निर्धारित व्यंजन संधि में से 7 संधि / संधि-विच्छेद देकर उनके निर्दिष्ट रूप पूछे जाए। ०७ अंक

(ख) पाठ्यक्रम में निर्धारित छन्दों में से दो का लक्षण एवम् उदाहरण समन्वय सहित लिखने को कहा जाए। ०७ अंक

सेक्शन - डी

Question - 7 पाठ्यक्रम में निर्धारित दो धातुओं के लट्., विधिलिंट्. एवं लृट् लकारों में रूप लिखने को कहा जाए। १४ अंक

Question - 8 . पाठ्यक्रम में निर्धारित तद्धित प्रत्ययों में से सात वद्धित प्रत्यय देकर निष्पन्न तद्धित प्रत्यय पूछे जाए। ०७ अंक

अनुशंसित ग्रन्थ -

१. मध्य.मध्यायोगः संस्कृतनाटक। (महाकवि भास कृत)

२. वृहद् अनुवाद चन्द्रिका (चक्रधर नौटियाल हंस) मोतीलाल बनारसीदास, नई दिल्ली ।चक्रधर हंस 'नौटियाल '

३. सम्भाषण सन्देश, संस्कृतभारती, बंगलौर।

Some improvement

(25)

THE HERITAGE INSTITUTION
KANYA MAHA VIDYALAYA, JALANDHAR (AUTONOMOUS)
SCHEME AND CURRICULUM OF EXAMINATION OF FOUR YEAR DEGREE PROGRAMME
BACHELOR OF ARTS / BACHELOR OF SCIENCE / HONOURS SANSKRIT (ELECTIVE) UNDER (NEP)
(FACULTY OF LANGUAGES)
BACHELOR OF ARTS (SEMESTER - IV)
SESSION : 2025-2026
Under Graduate Department of Sanskrit
Bachelor of Arts Sanskrit (Elective) , Semester- IV

Programme Name	Course Title	Course Code	Course Type	Total Marks	Marks L - P	C A (Continous Assessment)	Examination time (in Hours)	Credits L-T-P
	Discipline Specific Course							
Bachelor of Arts	Neetishastra Evam Vyakarana	BARL: 4466	E	100	70	30	3 Hours	4-0-1

BACHELOR OF ARTS / BACHELOR OF SCIENCE / HONOURS
SANSKRIT (ELECTIVE)
UNDER (NEP) (BATCH 2025-2029)
(FACULTY OF LANGUAGES)
BACHELOR OF ARTS (SEMESTER - IV)
SESSION : 2025-2026
Under Graduate Department of Sanskrit
Bachelor of Arts Sanskrit (Elective), Semester- IV)
Sanskrit Elective - Neetishastra Evam Vyakarana
Course Code: BARL: 4466

Course Outcomes :

1. Undergraduate Department of Sanskrit Students will develop the skill to understand the Sanskrit Neetikathayaen and importance of Moral Values in present time and towards society.

2. The Sanskrit Students will develop the skill to read, write, learn and understand the application of Sanskrit shabadroopas in the Sanskrit Neetikathas.

3. The Sanskrit Students will develop the skill to understand Sanskrit Streepratayas in the Sanskrit Literature.

4. The Sanskrit Students will develop the skill to understand Sanskrit Samaasa and its application in Sanskrit Literature.

5. The Interested Sanskrit Students will develop the skill of making E- Projects, Presentation, online Assignments, Viva-Voce, Interview Skill etc.
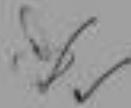
Bachelor of Arts , Semester- IV, Honours(Sanskrit Elective) .

UG Department of Sanskrit

Session : 2025 – 2026

SANSKRIT (ELECTIVE)

(Neetishastra Evam Vyakarana)

Course Code - BARL : 4466

समय - तीन घण्टे   End Semester Examination - 70

-निरन्तर मूल्याङ्कन - 30 अंक

Credits : 4-0 -1

भाठ्यक्रम :
(6 Periods Per Week for Theory and Two Periods Per week for Composition)

प्रश्नपत्र का माध्यम हिन्दी होगा । उत्तर संस्कृत / हिन्दी / पंजाबी / अंग्रेजी में हो सकते हैं ।

नोट - पाठ्यक्रम के चार सैक्शन A, B, C, D होंगे । प्रत्येक सैक्शन में दो प्रश्न होंगे । इस प्रकार चार सैक्शन में कुल आठ प्रश्न होंगे । विद्यार्थी किसी एक सैक्शन से दोनों प्रश्न करेगा । शेष तीन सैक्शन में से केवल एक -एक प्रश्न करेगा । सभी प्रश्नों के अंक 14 समान होंगे ।

SECTION-A .

(क) पञ्चतन्त्रम् : अपरीक्षितकारक की संस्कृत कथाएँ -

१. क्षपणककथा

२. ब्राह्मणीनकुलकथा

३. लोभाविष्टचक्रधरकथा

- इन संस्कृतकथाओं का सार , शिक्षा एवं जीवन में महत्त्व एवं जीवनमूल्य ।

(ख) पञ्चतन्त्रम् (अपरीक्षितकारकम्) की एक से पच्चीस श्लोकों तक सप्रसङ्ग व्याख्या ।

Section - B

(क)   पञ्चतन्त्रम्   : अपरीक्षितकारक की संस्कृत कथाएँ -

१.   सिंहकारकमूर्खब्राह्मणकथा

२.   मूर्खपण्डितकथा

३.   मत्स्यमण्डूककथा

- इन संस्कृतकथाओं का सार , शिक्षा एवं जीवन में महत्त्व एवं जीवनमूल्य ।

(ख)   पञ्चतन्त्रम् (अपरीक्षितकारकम्) की (26-50) श्लोकों तक सप्रसङ्ग व्याख्या ।

Section - C

(क) शब्दरूप :   देव, मुनि, नदी, गुरु, स्त्री, जगत्, भवत्, मनस्, पुंस्, महत्, सुहृत्, विद्वस्, युष्मद्, अस्मद्, इदम् (तद्,यद्,किम् - सर्वनाम तीनों लिंगों में)

(ख)   स्त्रीप्रत्यय :   टाप्, ङी.ष् इत्यादि ।

Section- D

(क)   तत्पुरुषसमास ।

(ख)   संस्कृत में अनुवाद ।

Bachelor of Arts , Semester- IV (Honours Sanskrit (Elective)
(Credit Based Continous Evaluation Grading System)

(Under Graduate Department of Sanskrit)

(Faculty of Languages)

Session   :   2025-2026

(Neetishastra Evam Vyakarana)

Course Code - BARL : 4466

समय - तीन घण्टे   End Semester Examination - 70

निरन्तर मूल्याङ्कन - 30 अंक

प्रश्नपत्रनिर्माणनिर्देश :

प्रश्नपत्र का माध्यम हिन्दी होगा । उत्तर संस्कृत / हिन्दी/ पंजाबी / अंग्रेजी में हो सकते हैं ।

नोट -   पाठ्यक्रम के चार सैक्शन A, B, C, D होंगे । प्रत्येक सैक्शन में दो प्रश्न होंगे । इस प्रकार
           चार सैक्शन में कुल आठ प्रश्न होंगे । विद्यार्थी किसी एक सैक्शन   से दोनों प्रश्न करेगा । शेष तीन
           सैक्शन में से केवल एक -एक प्रश्न करेगा । सभी प्रश्नों के अंक 14 समान होंगे ।

SECTION- A

Question -   २. अपरीक्षितकारकम् की निर्धारित कथाओं में से एक का सार, शिक्षा एवं जीवन में
             महत्त्व पूछा जाए ।   १४ अंक

Question -   1. अपरीक्षितकारकम् के एक से पच्चीस पथों में से 2 पथों की सप्रसङ्ग व्याख्या पूछी
             जाए ।   १४ अंक

SECTION - B

Question -   4. अपरीक्षितकारकम् की निर्धारित संस्कृतकथाओं में से एक का सार, शिक्षा एवं जीवन
             में महत्त्व पूछा जाए ।   १४ अंक

(36)

Question – 5. अपरीक्षितकारकम् के छब्बीस से पचास पर्यों में से 2 की सप्रसङ्ग व्याख्या पूछी जाए । १४ अंक

खण्ड – सी

Question – 5 पाठ्यक्रम में निर्धारित शब्दरूपों में से चार शब्दरूपों के रूप पूछे जाए । १४ अंक

Question – 6 पाठ्यक्रम में निर्धारित स्त्रीप्रत्ययों में से सात देकर उनके ——— प्रत्ययान्तरूप पूछे जाए । १४ अंक

खण्ड – डी

Question – 7 पाठ्यक्रम में निर्धारित सात समासों के समस्तपद / विग्रह पूछे जाए । १४ अंक

Question – 8
                    ∧ संस्कृत में
हिन्दी में सात वाक्य देकर उनका हिन्दी अनुवाद लिखने को कहा जाए । १४ अंक

अनुशंसित ग्रन्थ –

१. पञ्चतन्त्रम् (अपरीक्षितकारकम्) - विष्णु शर्मा ।
                   -न्यङ्कुभर (हंस) नौहियाल
२. बृहद् अनुवाद चन्द्रिका, चाक्षुष(नीतिशतक)हंस, मोतीलाल बनारसीदास, नई दिल्ली ।
३. सम्भाषण सन्देश, संस्कृतभारती, बंगलौर ।
४. Online tools for Sanskrit Grammar developed by Computational Linguistics Group at School of Sanskrit and Indic Studies, Jawahar Lal Nehru University, New Dolhi.

SCHEME AND CURRICULUM OF EXAMINATIONS OF THREE YEARS DEGREE PROGRAMME
BACHELOR OF ARTS (HONOURS)
(Under Credit Based Continuous Evaluation Grading System)

(Semester-III)
Session-2025-26

Course Code	Course Title	Hours / week	Credits L-T-P	Course Type	Marks				Examination time (in Hours)
					Total	Ext.		CA	
						L	P		
BARL-3273	History (HISTORY OF INDIA (A.D. 1707- 1947))	4	4-0-0	E	100	70	-	30	3

BACHELOR OF ARTS (HONOURS)
SEMESTER-III
Session: 2025-26
Course Title: History (HISTORY OF INDIA (AD 1707-1947))
Course Code: BARL-3273

Course Outcomes

After completion of this course the students will be able to...

CO1: Understand the establishment of the British rule in India and the factors responsible for the liquidation of the Mughal Empire in India and the causes that led to Revolt of 1857 and its repercussions

CO 2: Evaluate the Political, Economic and Social implications of the British Raj on Indian society, the Indian Renaissance and the implication of the Education Policy

CO 3: Comprehend the causes of the rise of Nationalism and the growth of Indian resistance to the British Rule, leading to the partition of India

CO 4: To enable students to have through insight into one of the important phase of Modern period of Indian History and to havethorough understanding of areas of prominence of Modern India on map of India

BACHELOR OF ARTS (HONOURS)
Semester-III
Session: 2025-26
Course Title: History (HISTORY OF INDIA (AD1707-1947))
Course Code - BARL-3273

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Examination Time: 3 Hours   Max. Marks: 100
Credits L-T-P: 4-0-0   Theory: 70
 Contact Hours: 4 Hrs/Week   CA: 30

Instructions for the Paper Setter

Note I: The question paper will consist of four units I, II, III and IV.

 II: Six questions are to be set, two from each of the first three (I-III) units, out of which the candidates will attempt one question in about 1000 words. Each question will carry 14 marks (The weightage of the first three units will be 42 marks.)

III The unit IV is compulsory and students will attempt both the questions (objective type and map question).

(i) The examiner will set 10 objective type questions from the Unit I and candidates will attempt any seven in about 20-25 words. Each question will carry 2 marks.The weightage of this question will be 14 marks.

(ii) The question on map will consist of 10 places. The candidates will be asked to mark any 7 places and explain their importance. The weightage of this question will be 14 marks. (7 marks for marking location and 7 for explanation)

UNIT–I

1. Foundation of British Rule: Advent of the British; Battles of Plassey and Buxar, Clive and Warren Hastings; Subsidiary Alliance Policy, Doctrine of Lapse.

2. The Uprising of 1857: Causes, Spread of the Uprisings, Nature and aftermath

UNIT–II

3. Making of the British Colonial Economy: Land revenue settlements; Ryotwari, Mahalwari, and Permanent Settlement; Commercialization of Agriculture; Deindustrialization; Drain of wealth

4.Growth of Education and Social and Religious Reform Movements in Colonial India: Western Education;Rise of the middle classes; Overview of reformist and revivalist movements in the 19th century; Brahmo Samaj, Arya Samaj, Rama Krishana Mission, Prarthna Samaj, Theosophical Society.

UNIT–III

5.Growth of the National Movement (1858-1947): Rise of nationalism and foundation of the Indian National Congress; Moderates, Extremists and Revolutionaries in Bengal, Punjab and Maharashtra; Mahatma Gandhi and Mass Nationalism: Non-cooperation, Civil Disobedience, and Quit India movement.

6.Communal Politics and the Partition of India: An overview of the growth of communalism**;** Lahore Resolution**;** INA Trials, Cabinet Mission**;** Partition of India

UNIT–IV (Compulsory Unit)

7.Constitutional Development: The Reforms of 1909, 1919 and 1935; Dyarchy and Provincial Autonomy.**Attempt any seven questions in maximum 25 words. Each question will carry 2 marks. Twelve Questions will be set from Sub Section 7 of Unit IV**
8.Map: ((Mark any 7 places out of 10 on mapof India and explain their importance)
Barrackpore, Delhi, Plassey, Buxar, Jhansi, Gwalior, Surat, Hyderabad, Allahabad, Meerut. (7 marks for marking location and 7 for explanation)

Suggested Reading:
- Bandyopadhyay, Sekhar, From Plassey to Partition: A History of Modern India, Orient Longman, Hyderabad, 2004.

- Bannerjee, A.C., The New History of Modern India (1707-1947), K.P.Bagchi, Calcutta, 1983.

- Bipan Chandra, History of Modern India, Orient Longman, Hyderabad, 2009.
 Macmillan, New Delhi,1974.

- Desai, A.R., Social Background of Indian Nationalism, Popular Prakashan, Bombay,1966.

- Jones, Kenneth, Socio-Religious Movements in India, CUP, Cambridge, New Delhi,1989

- Alam, Muzaffar: The Crisis of Empire in Mughal North India: Awadh and Punjab, 1707-48, OUP< New Delh

SCHEME AND CURRICULUM OF EXAMINATIONS OF THREEYEARS DEGREE PROGRAMME
BACHELOR OF ARTS (HONOURS)
(Under Credit Based Continuous Evaluation Grading System)

(Semester-IV)
Session-2025-26

Course Code	Course Title	Hours / week	Credits L-T-P	Course Type	Marks				Examination time (in Hours)
					Total	Ext.		CA	
						L	P		
BARL-4273	History(HISTORY OF THE PUNJAB (AD 1469-1799))	4	4-0-0	E	100	70	-	30	3

E- Elective

BACHELOR OF ARTS (HONOURS)
Session: 2025-26
SEMESTER–IV
Course Title: History (HISTORY OF THE PUNJAB (AD 1469-1799))
Course Code: BARL-4273

COURSE OUTCOMES

After passing this course, the students will

CO 1: understand the sources and Physical features of the Punjab. To comprehend and analyse the teachings of Guru Nanak Dev and its relevance today

CO2:To discuss, understand and analyse the institutions started by Sikh Gurus and their implications till date

CO 3: To understand the factors leading to the establishment of Khalsa Panth and resistance with Muslims. To comprehend the causes that led to the rise of Banda Singh bahadur and the establishment of Sikh Misal's and their administration

CO 4: To enable students to have through insight into one of the important phase of History of

Punjabandto have thorough understanding of areas of prominence of Punjab on map of Punjab

BACHELOR OF ARTS (HONOURS)
SEMESTER–IV
Session: 2025-26
Course Title: History(HISTORY OF THE PUNJAB (AD 1469-1799))
Course Code BARL-4273

Examination Time: 3 Hours   Max. Marks: 100

Credits L-T-P: 4-0-0   Theory: 70

 Contact Hours: 4 Hrs/Week   CA: 30

Instructions for the Paper Setter:

Note I: The question paper will consist of four units I, II, III and IV.

 II: Six questions are to be set, two from each of the first three (I-III) units, out of which the candidates will attempt one question in about 1000 words. Each question will carry 14 marks (The weightage of the first three units will be 42 marks.)

III The unit IV is compulsory and students will attempt both the questions (objective type and map question).

(i) The examiner will set 10 objective type questions from the Unit II and candidates will attempt any seven in about 20-25 words. Each question will carry 2 marks.The weightage of this question will be 14 marks.

(ii) The question on map will consist of 10 places. The candidates will be asked to mark any 7 places and explain their importance. The weightage of this question will be 14 marks. (7 marks for marking location and 7 for explanation)

UNIT–I

1. Sources: Literary & Non- Literary sources; Geographical and Physical Features, Socio-

Religious & Political condition of the Punjab around 1500 A.D.

2. Foundation of Sikh Panth: Guru Nanak Dev and his Teachings; Conception of God,

Importance of the Guru, right conduct and earnest profession; Institution of community kitchen

(Langer) and Congregational worship (sangat),

UNIT–II

3. Development of the Sikh Panth: Guru Angad Dev to Guru Arjan Dev: Increasing number of sangats: Sikh ceremonies; the Manji and Masand system, The founding of the sacred places, The Harimandir. Compilation of the AdiGranth.

4. Transformation of the Sikh Panth: Guru Hargobind to Guru Tegh Bahadur: Martyrdom of Guru Arjan Dev and Guru Hargobind's response; Armed conflict with the state; Circumstances leading to the accession and martyrdom of Guru Tegh Bahadur

UNIT–III

5.Creation of Khalsa and the Rise of Banda Singh Bahadur: Meaning; Circumstances leading to the creation of the Khalsa (1699); Rise of Banda Singh Bahadur and his achievements

6. Political Organizations of the Sikhs in the 18thCentury: Rakhi; Dal Khalsa; Gurmata, Misal, Administrative arrangements; Land revenue; Administration of Justice

UNIT–IV (Compulsory Unit)

7. Twelve Very short questions will be set from unit II and students will attempt any 8. (Each question will carry 2 marks)

8. To mark7 places out of 10 on the map of Punjab and explain their importance- Nankana Sahib, Muktsar, Dam Dama Sahib, Anadpur Sahib, Dera Baba Nanak, Chamkaur, Sirhind, Kahnuwan, Emnabad, Paonta Sahib. (7 marks for marking location and 7 for explanation)

Suggested Reading

- Grewal J.S., Guru Nanak in History, Panjab University, Chandigarh, 1969.
- Grewal J.S., The New Cambridge History of India: The Sikhs of the Punjab, CUP, New Delhi, 1990.
- Grewal J.S., and Indu Banga, The Khalsa Over 300 Years, Manohar, New Delhi, 1999.
- Grewal J.S.,, Historical Dictionary of Sikhism, OUP, New Delhi, 2002.

- Banerjee, I.B. Evolution of the Khalsa, 2 Vols., A. Mukherjee & Co., Calcutta, 1979.

- Grewal J.S., From Guru Nanak to Maharaja Ranjit Singh, G.N.D. University, Amritsar, 1982.

- Grewal, J.S. and S. S. Bal, Guru Gobind Singh, Panjab University, Chandigarh, 1987.

- Harbans Singh (ed), The Encyclopedia of Sikhism, 4 Vols., Punjabi University, Patiala 1992.

- Khushwant Singh, A History of the Sikhs, Vol. I (1469-1839), OUP, Delhi, 1977.

- McLeod, W.H. Evolution of the Sikh Community, OUP, Delhi, 1970.

- McLeod, W.H., Guru Nanak and the Sikh Religion, OUP, Delhi, 1968.

- Teja Singh and Ganda Singh, A Short History of the Sikhs Vol. (1469-1765), Patiala 1983

SCHEME AND CURRICULUM OF EXAMINATIONS

Bachelor of Arts (Honours) / Bachelor of Science (Medical) (Honours) / Bachelor of Science (Non- Medical) (Honours) / Bachelor of Science (Computer Science) (Honours) / Bachelor of Science (Economics) (Honours) / Bachelor of Commerce (Honours)/ Bachelor of Business Administration (Honours)   (Semester-III)

Session: 2025-26

SCHEME AND CURRICULUM OF EXAMINATION
Punjab History and Culture
(Under Credit based Continuous Evaluation Grading System)
(Semester-III) Session: 2025-26

Bachelor of Arts (Honours) / Bachelor of Science (Medical) (Honours) / Bachelor of Science (Non- Medical) (Honours) / Bachelor of Science (Computer Science) (Honours) / Bachelor of Science (Economics) (Honours) / Bachelor of Commerce (Honours) / Bachelor of Business Administration (Honours)   Punjab History and Culture

(Special paper in lieu of Punjabi Compulsory)

(For those students who are not domicile of Punjab)

Course Code	Course Title	Hours/ week	Credits L-T-P	Course Type	Marks				Examination time (in Hours)
					Total	Ext.		CA	
						L	P		
BARL-3431 BSML-3431 BSNL-3431 BCSL-3431 BECL-3431 BCRL-3431 BBRL-3431	PUNJAB HISTORY AND CULTURE (From 1000-1605 A. D.	4	4-0-0	C	100	70	-	30	3

Bachelor of Arts (Honours) / Bachelor of Science (Medical) (Honours) / Bachelor of Science (Non- Medical) (Honours) / Bachelor of Science (Computer Science) (Honours) / Bachelor of Science (Economics) (Honours) / Bachelor of Commerce (Honours) / Bachelor of Business Administration (Honours)

(Semester III)
Session: 2025-26

COURSE TITLE: PUNJAB HISTORY AND CULTURE (FROM 1000-1605 A. D.)
(Special paper in lieu of Punjabi Compulsory)
(For those students who are not domicile of Punjab)

COURSE CODE: BARL-3431/BSML-3431/BSNL-3431/BCSL-3431/BECL-3431BCRL-3431/BBRL-3431

After completing the paper the students will have a thorough insight into the origin of Sikh faith and its major institutions in Punjab. They will be able to

CO 1: Understand the society and culture of Medieval Punjab.

CO 2: Understand the growth of various sects during the Bhakti Movement in Punjab.

CO 3: Comprehend and analyse the teachings of Guru Nanak Dev and its relevance today

CO 4:Make a comparison between the philosophy and teachings of first five Sikh Gurus and their relevance in the present scenario and also to understand and analyse the institutions started by Sikh Gurus and their implications till date

Bachelor of Arts (Honours) / Bachelor of Science (Medical) (Honours) / Bachelor of Science (Non- Medical) (Honours) / Bachelor of Science (Computer Science) (Honours) / Bachelor of Science (Economics) (Honours) / Bachelor of Commerce (Honours) / Bachelor of Business Administration (Honours)

(Semester III)
Session: 2025-26

COURSE TITLE: PUNJAB HISTORY AND CULTURE (From 1000-1605 A. D.)
(Special paper in lieu of Punjabi Compulsory)
(For those students who are not domicile of Punjab)

COURSE CODE:BARL-3431/BSML-3431/BSNL-3431/BCSL-3431/BECL-3431/BCRL-3431/BBRL-3431

Examination Time: 3 Hours	Max. Marks: 100
Credits L-T-P: 4-0-0	Theory: 70
Contact Hours: 4 Hrs/Week	CA: 30

Instructions for the Paper Setter:

1.Question paper shall consist of four Units

2.Examiner shall set 8 questions in all by selecting Two Questions of equal marks from each Unit.

3.Candidates shall attempt 5 questions in 800words, by at least selecting One Question from each Unit and the 5th question may be attempted from any of the four Units.

4.Each question will carry 14 marks

Unit -1

1. Society and Culture of Punjab during Turko-Afghan Rule

2. The Punjab under the Mughals

Unit-II

3. Bhakti Movement and Impact on Society of Punjab

4. Sufism in Punjab

Unit-III

5.Guru Nanak:Early Life and Teachings

6. Concept of Sangat andPangat

Unit-IV

7. Contribution of Guru Angad Dev, Guru Amar Das and Guru Ram Das

8. Guru Arjun Dev and Compilation of Adi Granth

Suggested Readings:

- Chopra, P. N., Puri, B.N., &Das. M.N. (1974). A Social, Cultural and Economic History of India, Vol. II. New Delhi : Macmillan India.
- Grewal, J.S. (1994) The Sikhsof the Punjab, Cambridge University Press, New Delhi.
- Singh, Fauja (1972), A History of the Sikhs, Vol. II,I. Patiala: Punjabi University.
- Singh, Khushwant (2011). A History of Sikhs- Vol. I (1469-1839), New Delhi, Oxford University Press.

SCHEME AND CURRICULUM OF EXAMINATIONS

Bachelor of Arts (Honours) / Bachelor of Science (Medical) (Honours) / Bachelor of Science (Non- Medical) (Honours) / Bachelor of Science (Computer Science)(Honours) / Bachelor of Science (Economics) (Honours) / Bachelor of Commerce (Honours) / Bachelor of Business Administration (Honours)

(Semester-IV)

Session: 2025-26

SCHEME AND CURRICULUM OF EXAMINATION

Punjab History and Culture

(Under Credit based Continuous Evaluation Grading System)

(Semester-IV)

Session: 2025-26

Bachelor of Arts (Honours)/ Bachelor of Science. (Medical) (Honours) / Bachelor of Science (Non-Medical) (Honours) / Bachelor of Science (Computer Science) (Honours) / Bachelor of Science (Economics) (Honours)/ Bachelor of Commerce(Honours) / Bachelor of Business Administration(Honours)

Punjab History and Culture

(Special paper in lieu of Punjabi Compulsory)
(For those students who are not domicile of Punjab)

Course Code	Course Title	Hours/ week	Credits L-T-P	Course Type	Marks Total	Ext. L	Ext. P	CA	Examination time (in Hours)
BARL-4431 BSML-4431 BSNL-4431 BCSL-4431 BECL-4431 BCRL-4431 BBRL-4431	PUNJAB HISTORY AND CULTURE (From 1000-1605 A.D.	4	4-0-0	C	100	70	-	30	3

Bachelor of Arts (Honours) / Bachelor of Science (Medical) (Honours) / Bachelor of Science (Non- Medical) (Honours) / Bachelor of Science (Computer Science)(Honours) / Bachelor of Science (Economics) (Honours) / Bachelor of Commerce (Honours) / Bachelor of Business Administration (Honours)

(Semester IV)
Session: 2025-26
COURSE TITLE: PUNJAB HISTORY AND CULTURE (From 1605 to 1849 A.D.)
(Special paper in lieu of Punjabi Compulsory)
(For those students who are not domicile of Punjab)

COURSE CODE: BARL-4431/BSML-4431/BSNL-4431/BCSL-4431/BECL-4431BCRL-

4431/BBRL-4431

After completing the paper the students will have a thorough insight into the origin of Sikh faith and its major institutions in Punjab

CO 1:understand the adoption of new policy by Guru Hargobind and martyrdom of Guru Tegh Bahadur

CO 2: To understand the factors leading to the establishment of Khalsa Panthand its impact

CO 3: Have deep insight into the conflict with Mughals and the rise of Banda Singh Bahadur and aftermath.

CO 4: Understand the administration under Maharaja Ranjit Singh, also the fairs, festivals and folk music of Punjab.

Bachelor of Arts (Honours) / Bachelor of Science (Medical) (Honours) / Bachelor of Science (Non- Medical) (Honours) / Bachelor of Science (Computer Science) (Honours) / Bachelor of Science (Economics) (Honours) / Bachelor of Commerce (Honours) / Bachelor of Business Administration (Honours)

(Semester IV)
Session: 2025-26
COURSE TITLE: PUNJAB HISTORY AND CULTURE (From 1605 to 1849 A.D)
(Special paper in lieu of Punjabi Compulsory)
(For those students who are not domicile of Punjab)

COURSE CODE: BARL-4431/BSML-4431/BSNL-4431/BCSL-4431/BECL-4431/BCRL-

4431/BBRL-4431

Examination Time: 3 Hours   Max. Marks: 100
Credits L-T-P: 4-0-0   Theory: 70
Contact Hours: 4 Hrs/Week   CA: 30

Instructions for the Paper Setters

1. Question paper shall consist of four Units
2. Examiner shall set 8 questions in all by selecting Two Questions of equal marks from each Unit.
3. Candidates shall attempt 5 questions in 800words, by at least selecting One Question from each Unit and the 5th question may be attempted from any of the four Units.
4. Each question will carry 14 marks

UNIT I

1. Transformation of Sikhism under Guru Hargobind.
2. Martydom of Guru Teg Bahadur

   UNIT II

3. Creation of Khalsa
4. Khalsa and its impact on the Punjab

UNIT III

5. Banda Bahadur and his achievements
6. Rise of Misls.

UNIT IV

7. Maharaja Ranjit Singh:- Civil, Military and Land Revenue Administration.
8. Fair, Festivals and Folk Music in the Punjab during the medieval period (Jarag, Baisakhi and Diwali)

Suggested Readings

- Chopra P.N., Puri, B.N., & Das, M.N.(1974), A Social, Cultural & Economic History of India.Vol.II, Macmillan India Limited, New Delhi.
- Grewal, J.S. (1994). The Sikhs of the Punjab, Cambridge University Press, New Delhi.
- Singh, Fauja (1972). A History of the Sikhs, Vol. III, Patiala: Punjabi University.
- Singh, Kushwant (2011). A History of the Sikhs- Vol. I (1469-1839). New Delhi:
- Singh,Kirpal (1990). History and Culture of the Punjab-Part II (Medieval Period).

Bachelor of Arts Cosmetology (Vocational) Semester III

Course Code	Course Title	Course Type	Credit L-T-P	Total Credit	Marks				Examination time (in Hours)
					Total	Ext.		CA	
						L	P		
BARM-3147	Cosmetology (Vocational)	E	2-0-2	04	100	40	30	30	3+3

Bachelor of Arts (Semester-III)
Session – 2025-2026
COSMETOLOGY (VOCATIONAL)
Course Code: BARM-3147
(THEORY)

COURSE OUTCOME:

CO 1: Students learn the deep layers of hair its composition and its types
CO 2: This also teaches us the different disorders of hair and scalp both infectious and non-infectious.
CO 3: Students can learn the role of nutrients for a healthy life.
CO4: To impart the knowledge of overweight and underweight due to malnutrition.

<div align="center">**Bachelor of Arts (Semester-III)**
Session – 2025-2026
COSMETOLOGY (VOCATIONAL)
Course Code: BARM-3147</div>

(THEORY)

Time: 3 hrs.   **Max. Marks: 100**

<div align="right">**Theory Marks: 40**
Practical Marks:30
C.A: 30</div>

Instructions for the Paper Setters:

Eight questions of equal (8 marks) marks are to be set, two in each of the four Sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

UNIT-1

1. **Hair**
   - Composition and Structure of Hair
   - Division & Forms of Hair
   - Hair Growth & Regeneration

   UNIT-II
   - Disorders & Disease of the hair and scalp
   - PH scale with Diagram

2. **Health and diet**

   - Basic Introduction of Nutrients
   - Carbohydrates, Protein, Fat, Vitamin A,D,C & B complex, Calcium, Iron and their food sources

   UNIT-III
   - Role of Water for healthy Skin
   - Concept of Balance Diet -5 food groups principles of meal planning

<div align="center">**UNIT-IV**</div>

   - Overweight and Underweight causes and dietary Management
   - Main functions related to skin and hair

Books Recommended :-

   - Berg, A.(1973)The Nutrition` factor, The Brookings Institution, Washington.
   - Gibney M.J, Margetts, B.M, Kearney, J.M Arab, I. eds (2004) Public Health Nutrition, NS Blackwell Publishing.
   - Gopalan, C. and Kaur, S (Eds) (1993) Towards Better Nutritional Assessment, Oxford University Press.
   - Complete beauty book by Helen Foster

Bachelor of Arts (Semester-III)
Session – 2025-2026
COSMETOLOGY (VOCATIONAL)
Course Code: BARM-3147

(Practical)

Time: 3 hrs.

Practical Marks: 30

Instructions for Practical Examiners:

Question paper is to be set on the spot jointly by the Internal and External Examiners.

1. **Hair Care**
   - Types of shampoos and procedure of shampoo
   - Hair rinses and hair conditions
   - Hair spa acc.to scalp
   - Corrective hair and scalp treatment :
   - Treatment for Dry, Oily scalp, Dandruff treatment ,Hair fall treatment with the help of Steamer, Vibrator , Heat, High Frequency

2. **Hair Styling**
   - Basic Techniques and Equipment used in styling
   - Principles of Hair Design
   - Shapes of Head, Headlines , Texture and Density
   - Different Thermal hair styles with the help of thermal equipment

Books Recommended :-

- Blackwell Publishing.
- Gopalan, C. and Kaur, S (Eds) (1993) Towards Better Nutritional Assessment, Oxford University Press.
- Complete beauty book by Helen Foster

Bachelor of Arts Cosmetology (Vocational) Semester IV									
Course Code	Course Title	Course Type	Credit L-T-P	Total Credit	Marks				Examination time (in Hours)
					Total	Ext.		CA	
						L	P		
BARM-4147	Cosmetology (Vocational)	E	2-0-2	04	100	40	30	30	3+3

Bachelor of Arts (Semester – IV)
Session – 2025-2026
COSMETOLOGY (VOCATIONAL)
Course Code: BARM-4147
(THEORY)

COURSE OUTCOME:

CO 1: To impart the knowledge of Hair bonds and Chemical reaction .

CO 2: Understand the knowledge of acid and alklinein Chemical relaxers.

CO3: To understand the role of colour in relation to skin, eyes and hair.

CO4: Students can learn hair analysis and cosmetics use for hair colouring.

Bachelor of Arts (Semester – IV)
Session – 2025-2026
COSMETOLOGY (VOCATIONAL)
Course Code: BARM-4147
(THEORY)

Time: 3 hrs.   **Max. Marks: 100**
                                                                                                            Theory Marks: 40
                                                                                                          Practical Marks: 30
                                                                                                                   C.A:30

Instructions for the Paper Setters:
Eight questions of equal(8 marks) are to be set, two in each of the four Sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section

<div align="center">UNIT-I</div>

Chemical Knowledge of Hair
- Chemical Structure of Hair
- Hair Bonds

<div align="center">UNIT-II</div>

- Acids & Alkalis
- Determine Porosity in Chemical hair Treatments:
  a) Rebonding
  b) Perming

UNIT-III
Colours
- Colour Principles
- Colours key programme and its relation to Skin ,Eye and Hair

UNIT-IV
- Analysis of client
- Hair textures , lighteners, Cosmetics and hair Colouring

Books Recommended:
- Professional Hair Dressing by Martin Green LeoPalladino.
- Complete beauty book by Helen Foster
- The Complete Book of Massage by Mary Atkinson with Exme Floyd

Bachelor of Arts Semester-IV
Session – 2025-2026
COSMETOLOGY (VOCATIONAL)
Course Code: BARM-4147
(Practical)

Time: 3 hrs.

Practical Marks: 30

Instructions for Practical Examiners:

Question paper is to be set on the spot jointly by the Internal and External Examiners. Two copies of the same should be submitted for the record to COE office ,KanyaMahaVidyalaya, Jalandhar.

Basic Hair Shaping
- Hair shaping instruments and their uses
- Sectioning for Haircut
- Degree system for Haircut
- Hair texture and four types of hair Cuts

Scalp Manipulations

- Benefits of Scalp Manipulations
- Scientific hair Brushing
- Pressure Point of Head Massage
- Hairstyles & Buns

Books Recommended:

- Professional Hair Dressing by Martin Green LeoPalladino.
- Complete beauty book by Helen Foster
- The Complete Book of Massage by Mary Atkinson with Exme Floyd

SCHEME AND CURRICULUM OF EXAMINATION OF THREE-YEAR DEGREE PROGRAM
Credit Based Continuous Evaluation Grading System (CBCEGS)

Bachelor of Arts
Session 2025-26

Economics

Course Code	Course Name	Course Type	Hours Per Week L-T-P	Credits L-T-P	Total Credits	Marks				Examination time (in Hours)
						Total	Ext.		CA	
							L	P		
BARL-3175	Economics (Indian Economy)	E	4-0-0	4-0-0	4	100	70	--	30	3

E-Elective

Bachelor of Arts (Semester–III)
Session 2025-26
Course Code: BARL-3175
Economics (Indian Economy)

Course Outcomes:

After passing this course students will be able to:

CO1: understand the nature, importance and problems of Indian agriculture and new agriculture strategy and WTO agreements related to Indian agriculture.

CO2: understand critically the industrial development in India, the role of public & private sectors and of the cottage and small industries and the latest industrial policy.

CO3: understand the composition, direction and volume of international trade along with the balance of payment problems and the role of foreign capital MNCs.

CO4: understand major economic problems of the Indian economy, Indian Taxation System, and Indian economic planning – its objectives, strategy and evaluation.

Bachelor of Arts (Semester–III)
Session 2025-26
Course Code: BARL-3175
Economics (Indian Economy)

Time: 3 Hours

L-T-P (Credits):4-0-0
Max. Marks: 100
Theory: 70
CA: 30

Note: Instructions for the Paper–Setter:

Two questions, each carrying 14 marks, from each of the Units I-IV (i.e., a total of eight questions) are to be set. Candidates are required to attempt five questions, selecting at least one from each unit. The fifth question may be attempted from any unit.

UNIT- I

Nature of Indian Economy; Agriculture in India: Nature and Importance of Agriculture, Causes of Decline in Productivity, Sustainable Agricultural Growth, Green Revolution and New Agricultural Strategy, WTO and Indian Agriculture (Introductory).

UNIT- II

Industry: Performance and Problems of Industrial Development; Public Sector versus Private Sector, Role of Privatization, Role of Small and Cottage Industries, Latest Industrial Policy.

UNIT- III

Foreign Trade: Direction and Composition of Exports and Imports since 1991; Recent Foreign Trade Policy, Balance of Payment Problem, Foreign Capital and Multinational Corporations in India, Economic Reforms and its implications.

UNIT- IV

Features of Population Growth in India, Major Problems of the Economy – Inflation, Unemployment, Poverty and Inequality., Current Indian Tax Structure. Planning- Objectives, Strategy, Evaluation of Planning in India; A Brief Idea of Objectives, Targets, Resources of the Latest Five Year Plan (Twelfth Five Year Plan).

Case Study: Population dynamics and nature of unemployment problem in Punjab

Suggested Readings:

1. Mishra, S.K. and Puri, V.K. (3019),*Indian Economy,* Himalaya Publication House, Mumbai.
2. Dutt, R. and Sundharam, *K.P.M.* (3018), *Indian Economy,* S. Chand & Co. Ltd., New Delhi.
3. Aggarwal, A. N. (1975), *Indian Economy,* Vikas Publishing House, Delhi.
 4. Wadhwa, C. D. (1970), *Indian Economic Policy,* Tata McGraw Hill, Bombay.
Note: The latest editions of the books are recommended.

	Semester IV									
Course Code	**Course Name**	**Course Type**	**Hours Per Week L-T-P**	**Credits L-T-P**	**Total Credits**	**Marks**				**Examination time(in Hours)**
						Total	**Ext.**		**CA**	
							L	**P**		
BARL-4175	Economics (International Economics and Public Finance)	E	4-0-0	4-0-0	4	100	70	--	30	3

E-Elective

Bachelor of Arts (Semester –IV)
Session 2025-26
Course Code: BARL-4175
Economics (International Economics and Public Finance)

Course outcomes:

After studying this course, students will be able to:

CO1: understand the basis of and gains from international trade and basic understanding of terms of trade and commercial policy and also WTO agreements related to trade.

CO2: understand the basic concept of BOP and methods to correct disequilibrium and determination of exchange rate.

CO3: understand the basics of public finance and public expenditure.

CO4: understand taxes and the burden of public debt.

Bachelor of Arts (Semester –IV)
Session 2025-26
Course Code: BARL-4175
Economics (International Economics and Public Finance)

Time: 3 Hours

L-T-P (Credits):4-0-0
Max. Marks: 100
Theory: 70
CA: 30

Note: Instructions for the Paper–Setter:
Two questions, each carrying 14 marks, from each of the Units I-IV (i.e., a total of eight questions) are to be set. Candidates are required to attempt five questions, selecting at least one from each unit. The fifth question may be attempted from any unit.

UNIT–I
International Trade: Internal and External Trade, Classical and Heckscher-Ohlin Theories, Gains from Trade, Terms of Trade (gross, net, and income terms of trade).Trade and economic development.
Commercial Policy: Free trade vs. protection, the rationale of a protectionist policy in a less developed area, GATT & WTO (Introductory).

UNIT–II
Balance of Payments: Meaning and components of balance of payments, Methods for Correcting adverse balance of payments, devaluation and direct control.
Rate of Exchange: Meaning and determination (PPP and BOP Theory), Fixed and flexible exchange rates.

UNIT–III
Public Finance: Nature, scope, importance.
Public Expenditure: Meaning, principles, importance, and effect of public expenditure on production and distribution.

UNIT–IV
Public Revenue: Meaning and Sources of Revenue -Tax and non-tax revenue, Features of a good taxation system, canons of taxation, incidence, and impact of taxation.
Public Debt: Meaning, objectives, importance, its burden.

Case Study: India's Exim Policy

Suggested Readings:
1. Sodersten, B.O. (1970), *International Economics,* Macmillan, London.
2. Salvatore, D. and Reed, G. (1983), *International Economics,* Macmillan Publishing Company,
New York.
3. Tyagi, B.P. (3004), Public Finance, Jai Prakash Nath & Company, Meerut.

Note: The latest editions of the books are recommended.

SCHEME AND CURRICULUM OF EXAMINATION OF THREE-YEAR DEGREE PROGRAM
Credit-Based Continuous Evaluation Grading System (CBCEGS)

Bachelor of Arts
Session 2025-26

Quantitative Techniques

Semester III											
Course Code	Course Name	Course Type	Hours Per Week L-T-P	Credits L-T-P	Total Credits	Marks					Examination time (in Hours)
						Total	Ext.			CA	
							L	P			
BARL-3453	**Quantitative Techniques** (Quantitative Techniques-III)	E	4-0-0	4-0-0	4	100	70	--		30	3

E- Elective

Bachelor of ArtsSemester –III
Session 2025-26
Course Code: BARL-3453
Quantitative Techniques (Quantitative Techniques–III)

Course outcomes:

After passing this course, students will be able to:

CO1: understand and apply the concept of differentiation in economic applications such as profit maximization, cost minimization or utility optimization.

CO2: understand and apply the concept of indefinite and definite integrals to economic concepts like consumer and producer surplus.

CO3: explain and use matrix operations to solve the system of equations.

CO4: understand the basics of linear programming for the efficient computation of optimal solutions to problems in decision-making.

Bachelor of Arts Semester –III
Session 2025-26
Course Code: BARL-3453
Quantitative Techniques (Quantitative Techniques–III)

Time: 3 Hours

L-T-P (Credits):4-0-0
Max. Marks: 100
Theory: 70
CA: 30

Note: Instructions for the Paper–Setter:
Two questions, each carrying 14 marks, from each of the Units I-IV (i.e., a total of eight questions) are to be set. Candidates are required to attempt five questions, selecting at least one from each unit. The fifth question may be attempted from any unit.

UNIT–I
Differentiation: Maxima and Minima of Functions, Partial derivatives, higher order partial derivatives.

UNIT–II
Integration (Excluding Trigonometric and Inverse Functions): Indefinite Integrals; Integration by Partial Fractions; Integration by substitution; Integration by parts; Definite Integrals; Application of Integration in Consumer Surplus and Producer Surplus.

UNIT–III
Matrices: Definition, Types, Addition, Subtraction, and Multiplication of Matrices; Scaler Multiplication; Transposition; Determinants and their Properties; Minors and Co-factors; Rank of a Matrix; Inverse of a Matrix; Crammer's Rule for Solution of Simultaneous system of equations; Applications of matrices in economics.

UNIT–IV
 Linear Programming: Formulation of problem, Assumptions, Graphical solution, Simplex method, Use of Artificial Variables, Dual Simplex method. Input-Output Analysis: Basic concepts, Input-Output tables for closed and open economies, Leontief Basic Input-Output Model, Simple Applications of Input-Output Analysis.

Suggested Readings:
1. Rangi, S.S. and Chowdhary, V. (3013), *Mathematical Techniques*, S. Vikas s& Co. Publishing House, India.
2. Allen, R.G.D.(1938), Mathematical Analysis for Economists, ELBS and Macmillan Press, New York.
3. Chiang, A.(1967), Fundamental Methods of Mathematical Economics, McGraw Hill.
 Note: The latest editions of the books are recommended

Semester IV										
Course Code	**Course Name**	**Course Type**	**Hours Per Week L-T-P**	**Credits L-T-P**	**Total Credits**	**Marks**				**Examination time (in Hours)**
						Total	**Ext.**		**CA**	
							L	**P**		
BARL-4453	**Quantitative Techniques** (Quantitative Techniques-IV)	E	4-0-0	4-0-0	4	100	70	--	30	3

E- Elective

Course outcomes:

After passing this course, students will be able to**:**

CO1:understand the concept of correlation and regression and learn how to apply these statistical techniques in practice

CO2: understand the axiomatic formulation of modern probability theory and think of

random variables as an intrinsic need for the analysis of random phenomena.

CO3: recognize the connection between theory and applications by appropriately fitting,

assessing and interpreting the results/ outcomes

CO4: understand the basic principles underlying survey design and estimation.

Bachelor of ArtsSemester –IV
Session 2025-26
Course Code: BARL-4453
Quantitative Techniques (Quantitative Techniques–IV)

Time: 3 Hours

L-T-P (Credits):4-0-0
Max. Marks: 100
Theory: 70
CA: 30

Note: Instructions for the PaperSetter:
Two questions, each carrying 14 marks, from each of the Units I-IV (i.e., a total of eight questions) are to be set. Candidates are required to attempt five questions, selecting at least one from each unit. The fifth question may be attempted from any unit.

UNIT–I
Multiple Linear Regression: Concepts, Estimation and Applications (without derivations). Partial and Multiple Correlation. Non-Linear Regression: Quadratic and Exponential; Estimation of Fitting of Various Growth Curves (Modified Exponential, Gompertz).

UNIT–II
Probability: Definition, Additive & Multiplicative Laws and their Applications, Bayes Theorem, Concept of Random Variable, Probability Mass Function & Density Function, Mathematical Expectation (meaning and properties), Moments, Moment Generating Function and Characteristic Function.

UNIT–III
Theoretical Probability Distributions: Derivations of the properties of Binomial (with numerical), Poisson (with numerical), Normal (with numerical), Beta and Gamma Distributions.

UNIT–IV
Sampling: Various concepts – Population, Sampling Units, Complete Enumeration sample Surveys, Concept of an Estimator and The Standard Error, Standard Error of Estimates. Features of a Good Sample, Random and Subjective Sampling, Simple Random Sampling (with and without replacement), and Stratified Random Sampling (applications only).

Suggested Readings:
1. Gupta, S.C. (2018), Fundamentals of Statistics, Himalaya Publishing House, 7th Edition,Delhi
2. Gupta, S.P. (2014), Statistical Methods, Sultan Chand & Sons, 43rd Edition, Delhi
3. Rangi, S. S. and Nayyar, R.K. (2014), Statistical Techniques (Vol. II), S. Vikas and Company,
   India.
4. Siegel, Andrew F. (2002), Practical Business Statistics, International Edition, 5th Edition, McGraw Hill Irwin.

Note: The latest editions of the books are recommended.

Practical: Correlation and Regression with Statistical Softwares

SCHEME AND CURRICULUM OF EXAMINATIONS OF THREE YEAR DEGREE PROGRAMME
Bachelor of Arts (Semester III)
Credit Based Continuous Evaluation Grading System (CBCEGS)

Session: 2025-26

Bachelor of Arts (Semester III)											
Progr am Name	Course Title	Course Code	Cou rse Typ e	Hrs L-T-P	Credits L-T-P	Tot al Cre dits	Marks				Exa min atio n time (in Hour s)
							Tota l	Ext.		C A	
								L	P		
Bach elor of Arts	Fashion Designing and Garment Construction (Vocational) (Fundamentals of Textiles-I) (Theory)	BARM-3237	E	2-0-4	2-0-2	4	100	30		30	3+5
	Fashion Designing and Garment Construction (Vocational) (Pattern Making and Garment Construction-I) (practical)		E						40		

E- Elective

Bachelor of Arts
Semester–III

Session: 2025-26
(FUNDAMENTALS OF TEXTILES-I)
(THEORY)

Course Code – BARM-3237

COURSE OUTCOMES

- CO1:- Students will learn about textile and its importance and terminology.

- CO2:- Students will understand the manufacturing process and properties of natural fiber.

- CO3:- Students will understand the manufacturing process and properties of artificial fiber.

- CO4:-Students will gain knowledge about different types of yarns.

Bachelor of Arts
Semester–III

Session: 2025-26
FUNDAMENTALS OF TEXTILES-I
(THEORY)
Course Code - BARM-3237

Time: 3 Hrs.   Max Marks: 100
L-T-P   C.A.: 30
2-0-2   Theory Marks: 30
                                                                      Practical Marks: 40

Instructions for the Paper Setter:
Eight questions of equal marks (6 each) are to be set, two in each of the four Sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

Unit–I
a)   Introduction to Textiles and Its Importance in Fashion Designing
b)   Classification of Textile Fibers and Terminology.- Fibre, Filament, Yarn, Fabric Grey Goods, Fiber Length, Elasticity, Evenness, Moisture Absorption, Fiber Strength

Unit–II
Properties & Manufacturing Process of Natural Fiber
  a) Cotton
  b) Wool
  c) Silk

Unit–III
Properties and Manufacturing Process of Artificial Fiber
  a) Nylon
  b) Rayon
  c) Spandex

Unit–IV
Brief Study of the Following Yarns:
  a) Classification of Yarns – Carded and Combed, Woollen and Worsted, Filament and Spun
  b) Simple, Novelty, Bulk/Textured

Books Recommended:

1. Norman Hollen and Jane Saddler, ″Textiles" Second Edition. (1949), The Macmillan
2. Company, New York. Colliee- Macmillan, Limited London.
3. Bernard P.Corbman, Textiles Fiber to Fabric, Mc Graw, Hill International Editions,(1993),

   Cataloging Publications

4. Katarine Paddock, Textile Fibres and their Use-Sixth edition, (1954) –Oxford & IBH

   Publishing Co.,Calcutta, Bombay, New Delhi.

5. Kanwar Varinder Pal Singh, Introduction to Textile, Kalyani Publisher.
6. Indian Embroidery – Savitri Pandit.
7. Bhatnagar, Parul – Traditional Indian Textiles.

Bachelor of Arts
Semester–III

Session: 2025-26

PATTERN MAKING AND GARMENT CONSTRUCTION-I
(PRACTICAL)

Course Code - BARM-3237

COURSE OUTCOMES

- CO1:-Students will gain knowledge about dart manipulation with slash and spread and pivot method

- CO2:-Students will gain the knowledge about drafting and adaptation of different skirts and necklines.

- CO3:-Students will come to know about how to design different tops and skirts for women garments.

- CO4:- Students will the gain knowledge about different construction techniques.

- CO5:-Students will develop practical skills in Indian traditional embroideries

Bachelor of Arts
Semester–III
Session: 2025-26

PATTERN MAKING AND GARMENT CONSTRUCTION-I
(PRACTICAL)

Course Code - BARM-3237

Time: 5 Hrs.   Marks: 40

Instructions for the paper setters:
     Part-A carrying   Marks: 20
     Part-B carrying   Marks: 15
     File Work.   Marks: 5
     Question paper will be set on the spot jointly by the internal and external examiners.

Part -A
 1. Pattern Making
   I.   Dart Manipulation by Flat Pattern (2-3 exercises under each heading)
    a) Shifting of darts
    b) Combiningdarts
    c) Converting darts into gathers
    d) Converting darts into seam lines

   II.   Drafting and Adaptation
    a) Skirts-Basic Skirt, Peg Skirt, Pleated Skirt, Flared Skirt, Gathered
       With Yoke
    b) Tops-Cowl Neckline, Turtle Neckline

PART- B
2. Construction
   I)   Design and Construct Tops with – Cowl and Turtle Neckline
   II)   Design and Construct an Adult Skirt
   III)   TraditionalEmbroidery-Phulkari, Kashmiri

Books Recommended:

1. Helen Joseph- Armstrong, Draping for Apparel Design, Oct. 1999 Publisher: Fairchild Books & Visual.
2. Connie Amaden– Crawford, The art of fashion Draping, 2nd edition (Oct. 1995) Publisher: Fairchild Books, K Visual.
3. Hilde Jaffe, Jurie Reus, Draping for Fashion Design, 1993, Prentice Hall Carrer & Technology.
4. Gale Grigg Hazen, Fantastic Fit for Every Body, 1998, Published by Rodale Press
5. Pati Palmer and Marta Alto Palmer, Fit for real People, 1998., Pletsch Inc.,

SCHEME AND CURRICULUM OF EXAMINATION OF THREE-YEAR DEGREE PROGRAMME
Bachelor of Arts (Semester IV)
Credit Based Continuous Evaluation Grading System (CBCEGS)

Session: 2025-26

Program Name	Course Title	Course Code	Course Type	Hrs L-T-P	Credits	Total Credits	Total	Ext. L	Ext. P	CA	Examination time (in Hours)
Bachelor of Arts	**Fashion Designing and Garment Construction (Vocational) (Fundamentals of Textiles-II (Th)**	**BARM -4237**	E	2-0-4	2-0-2	4	100	30		30	3+5
	Fashion Designing and Garment Construction (Vocational) (Pattern Making and Garment Construction-II (Pr)		E						40		

E-Elective

Session: 2025-26

SEMESTER–IV
FUNDAMENTALS OF TEXTILES-II
(THEORY)

Course Code - BARM-4237

COURSE OUTCOMES

- CO1:- Students will get information about different parts of looms and different weaves.

- CO2:- Students will understand the different manufacturing process of non woven fabric.

- CO3:- Students will learn about different mechanical and chemical finishes.

- CO4:-Students will gain knowledge about different types of printing and dyeing techniques.

Bachelor of Arts
Session: 2025-26

SEMESTER–IV
FUNDAMENTALS OF TEXTILES-II
(THEORY)
Course Code - BARM-4237

Time: 3 Hrs.   Max Marks: 100
L-T-P   C.A.: 30
2-0-2   Theory Marks: 30
                                                                              Practical Marks: 40

Instructions for the Paper Setter:
Eight questions of equal marks (6 each) are to be set, two in each of the four Sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

UNIT–I

1. Introduction to Woven Fabrics
   a)   Weaving-Parts of Basic Loom, Basic Weaving Operation
   b)   Classification of Weaves-Basic Weaves, Fancy Weaves

UNIT–II

2. Introduction to Non- Woven Fabrics
   a)   Knitting-Warp Knitting, Weft Knitting
   b)   Felting
   c)   Bonding

UNIT–III

3. Introduction to Finishes
   a)   Classification of finishes
   b)   Mechanical finishes
   c)   Chemical finishes

UNIT–IV

4. Introduction to Dyeing and Printing
   a)   Tie and Dye, Batik Dye
   b)   Block printing, Screen Printing, Roller Printing and Discharge Printing.

Bachelor of Arts
Session: 2025-26

SEMESTER–IV

Books Recommended:

1. Norman Hollen and Jane Saddler, "Textiles" Second Edition. (1949), The Macmillan
2. Company, New York. Colliee- Macmillan, Limited London.
3. Bernard P.Corbman, Textiles Fiber to Fabric, Mc Graw, Hill International Editions,(1993), Cataloging Publications
4. Katarine Paddock, Textile Fibres and their Use-Sixth edition, (1954) –Oxford & IBH Publishing Co.,Calcutta, Bombay, New Delhi.
5. Kanwar Varinder Pal Singh, Introduction to Textile, Kalyani Publisher.
6. Indian Embroidery – Savitri Pandit.
7. Bhatnagar, Parul – Traditional Indian Textiles.

Bachelor of Arts
Semester–IV

Session: 2025-26

PATTERN MAKING AND GARMENT CONSTRUCTION-II
(PRACTICAL)

Course Code - BARM-4237

COURSE OUTCOMES

- CO1:-Students will gain knowledge about grading techniques.

- CO2:-Students will gain knowledge about drafting and adaptation of different sleeves and collars.

- CO3:-Students will come to know about how to design women garments like blouse and suit.

- CO4:- Students will the gain knowledge about different construction techniques.

- CO5:-Students will develop practical skills in Indian traditional embroideries

Bachelor of Arts
Semester–IV
Session: 2025-26

PATTERN MAKING AND GARMENT CONSTRUCTION-II
(PRACTICAL)

Course Code - BARM-4237

Time: 5 Hrs.   Marks: 40

Instructions for the Paper Setters:
1. Part-A carrying   Marks: 20
2. Part-B carrying   Marks: 15
3. File Work.   Marks: 5
4. Question paper will be set on the spot jointly by the internal and external examiners

PART–A

1. PATTERN MAKING AND GRADING

   a) Drafting and Adaptation of Sleeves-Basic Sleeve, Cowl, Dolman, Peasant

   b) Drafting and Adaptation of Collars- Chinese, Convertible, Shawl, Coat

   c) Upgrading and Downgrading of Bodice Block.

PART–B

2. GARMENT CONSTRUCTION

   a) Designing, Drafting and Construction of Ladies Blouse.

   b) Designing, Drafting and Construction of Designer Suit.

Traditional Embroidery- Kantha, Chikankari.

Bachelor of Arts
Semester–IV

Session: 2025-26

Books Recommended:

1. Helen Joseph- Armstrong, Draping for Apparel Design, Oct. 1999 Publisher: Fairchild Books & Visual.
2. Connie Amaden – Crawford, The art of fashion Draping, 2nd edition (Oct. 1995) Publisher: Fairchild Books, K Visual.
3. Hilde Jaffe, Jurie Reus, Draping for Fashion Design, 1993, Prentice Hall Carrer & Technology.
4. Gale Grigg Hazen, Fantastic Fit for Every Body, 1998, Published by Rodale Press
5. Pati Palmer and Marta Alto Palmer, Fit for real People, 1998., Pletsch Inc.,

Programme name–Bachelor of Arts (FineArts)

Fine Arts (Elective)

Credit Based Continuous Evaluation Grading system(CBCEGS)

Session :- 2025-26

E- Electi

Semester–III									
Course Code	Course name	Course Type	Hours per Week	Credit L-T-P	Marks				Examination Time(inHours)
					Total	Th.	P	CA	
BARM-3245	Fine arts: (Drawing and Painting)	E	5	**2-0-2**	100	40		10	3 Hrs
BARM-3245 (P)(I)	**FINE ARTS: DESIGN2D&3D**	**E**	2				20	5	5 Hrs
BARM-3245(P)(II)	**Fine arts: HEADSTUDY (Male& Female)**	E	2				20	5	5 Hrs
	Total Credit			**04**					

Bachelor of Arts

SEMESTER–III

Session :- 2025-26

FINE ARTS:(DRAWINGANDPAINTING) COURSE

CODE: BARM-3245

COURSEOUTCOMES

COI:The course will provide the under standing of the **Classical Sculptures**of India.

CO2:The course will provide the understanding of the Post **ClassicalSculptures**

Of India.

CO3:The course focuses on the Sculpture of **Mahaballipuram**.

CO4: The course gives Knowledge **Chola Bronzes.**

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Bachelor of Arts
SEMESTER–III
Session :- 2025-26

FINEARTS-(DRAWINGANDPAINTING) COURSE CODE: BARM-3345

TIME:3Hrs.   **L-T-P(Credits):2-0-0**

TOTAL MARKS-100

THEORYMARKS-40

PRACTICAL MARKS 20+20=40

CA:20

Note:Instructionsforthe PaperSetters: **Eightquestionsofequalmarksaretobeset,twoin eachofthefourunits (1-4).QuestionsofUnitsI-IVshouldbesetfromUnitsI-IVofthe syllabusrespectively.Questionsmay be subdividedintoparts(notexceedingfour).Candidatesarerequiredtoattemptfivequestions,selectingatleast onequestionfromeachunit.ThefifthquestionmaybeattemptedfromanyUnit.Eachquestionwillcarry8 marks.**

UNIT-I

ClassicalSculptures:•TheGuptas:

(A) **Mathura**:(i)StandingBuddha(ii)Vishnu

(B) **Sarnath**:(i)SeatedBuddha(ii)BuddhafromSultanganj

UNIT-II

PostclassicalSculptures:

Ellora:(i)RavanashakingmountKailash(ii) AbductionofSita

Elephanta:(i)Trimurti(ii)MarriageofShivaandParvati

UNIT-III

Mahaballipuram:

(i) DescentoftheGanges(ii)Mahishasuramardini

UNIT-IV

CholaBronzes:(i)Parvati(ii)ShivaNatraja(iii)Kali

SuggestedReadings:

1. ,H.H.Arnason,AHistoryofModernArt,PearsonPrenticeHall,NewJersey,2004

2. Janson,H.W., History of art, Pearson Prentice Gall, New Jersey,2007

3. Turner,Janeetal.(Eds)TheDictionaryofArt,MacmillanPublishersLtd. ,Newyork,19964.Lake,C.andMaillard,R.(Eds)AdictionaryofModernPainting, ParisBookCentre,Inc.,Newyork,1956.

5. Gardener,H.,ArtThroughtheAges,Thomsonlearning,UK.,2005

6. Archer,M.andArcherW.G.IndianPaintingforTheBritish,1770-1880,Oxford Uni. Press, London 1955,

7. ChaitanyaKrishna, AHistoryofIndianPainting,TheModernPeriod,Abhinav Publications , New Delhi,1994.

8. AppaSwamy,Jaya AbanindraNathTagoreandTheArtofHisTimes, LalitkalaAcademy, New Delhi,1968.

9. Dr.PardeepArshi,Aadhunikkala

10. Dr.SarojPandey,IndianArt

11. Dr.rajinderkaurPasricha,Adhunikkala

12. Prof.C.L.Sharma,AdhunikBhartikala

Bachelor of Arts

SEMESTER–III

Session :- 2025-26

(FINEARTS:DESIGN2D&3D
PRACTICAL)

COURSECODE:BARM-3245(P)(I)

COURSE OUTCOMES

CO1: The course will provide the initial knowledge and basic understanding of design.

CO2:Thestudentwillbeabletoexecute2Daswellas3Ddesigns.

CO3: The course will also make the student aware about the theoretical concepts of the practical work.

CO4:Thecoursewillnotlimitthestudenttojustsemesterworkbutalsoprovide extra work as regular sketching.

Bachelor of Arts

SEMESTER–III

Session :- 2025-26

(PRACTICAL)

FINEARTS: DESIGN2D&3D
COURSE CODE:BARM-3245(P)(I)

L-T-P(Credits):0-0-1

Time:-5Hrs   *Marks:20*

Study of 2-dimensional and 3-dimensional designs based on Folk forms. Any folk motif with proper shading is a 2-D design and cardboard pasted on handmade sheet in form of various folk motifs is a 3-D design-this is only an example; any other materials can also be used to create 3D.
Medium:Postercolours,   **Size**:1⁄2Imperial

Note: The paper setter should set the Design 2D and 3D Practical. The topic will be given by two examiners. The practical itself carries 10 marks (unit-1), with semester work carrying 6 marks (unit-2) and 2 marks each will be shared by brief theory (unit-3) and extra work (unit-4).**(10+6+2+2 =20)**

Unit-1

Practicalexam.   **Marks:10**

- Thetopicwillbegivenbytwo examinersontheexamday.Markswillbegivenonthebasisof performance.

Unit-2

SemesterWork.   **Marks:6**

- TheCandidateswillsubmit5sheets(Halfimperial)ofDesign2Dand3Dassemester work.

Unit-3

BriefTheory.   **Marks:2**

- Thecandidatewill beasked about some theoretical concepts of the course.

Unit-4

Extra Sketches.   **Marks:2**

- Alongwithsessionalwork,the candidate has to submit minimum40sketchesassketchingdoneduringthe

  semester.

Bachelor of Arts

SEMESTER–III

Session :- 2025-26 (PRACTICAL)

FINEARTS:HEADSTUDY(Male&Female)

COURSECODE:BARM-3245(P)(II)

COURSEOUTCOMES

- CO1:Thecoursewillgivethebasicunderstandingofportraiture.
- CO2:Thestudentwillbeawareoftheinitialstageofportraitinmonochrome.
- CO3: The course will also make the student aware about the theoretical concepts of the practical work.
- CO4:Thecoursewillnotlimitthestudenttojustsemesterworkbutalsoprovide extra work as regular sketching

Bachelor of Arts
SEMESTER–III
Session :- 2025-26
(PRACTICAL)
FINEARTS:HEAD STUDY(Male&Female)

COURSE CODE:BARM-3245(P)(II)

L-T-P(Credits):0-0-1

Time:5Hrs.   **Marks:20**

Rendering of *Head*(Male/Femalehead)from lifeorcast.Emphasis should be given on structure,volume, proportion, light, shade and texture in Monochromatic colour scheme.

Medium:Any medium   **Size**:1⁄2Imperial

Note: The paper setter should set the Head Study (Male & Female) Practical.The topic will be given by twoexaminers.Thepracticalitselfcarries10marks(unit-1),withsemesterworkcarrying6marks(unit-2) and 2 marks each will be shared by brief theory (unit-3) and extra work (unit-4).**(10+6+2+2 =20)**

Unit-1

Practicalexam.   **Marks:10**

- Thetopicwillbegivenbytwo examinersontheexamday.Markswillbegivenonthebasisof performance.

Unit-2

SemesterWork.   **Marks:6**

- TheCandidateswillsubmit5sheets(Halfimperial)ofHeadStudy(Male&Female)assemesterwork.

Unit-3

BriefTheory.   **Marks:2**

- Thecandidatewillbeaskedaboutsometheoreticalconceptsofthecourse.

Unit-4

ExtraSketches.   **Marks:2**

- Along with sessional work,the candidate has to submit minimum 40 sketches as sketching done during the semester.

SCHEME AND CURRICULLUM EXAMINATION OF THREE YEAR DEGREE PROGRAMME

Programme name–BachelorofArts(FineArts)

FineArts (Elective)

Credit Based Continuous Evaluation Grading system (CBCEGS)

Session :- 2025-26

					Semester–IV					
CourseCode	Coursename	Course Type	Hours per Week	Credit L-T-P	Marks					Examination Time(inHours)
					Total	Th.	P	CA		
BARM-4245	**Fine arts: (Drawingand Painting)**	E	5	**2-0-2**	100	40		10		3 Hrs
BARM-4245 (P)(I)	**FINEARTS: LANDSCAPE PAINTING**	**E**	2				20	5		5 Hrs
BARM-4245(P)(II)	**FINEARTS: FULLLIFE STUDY (Life /caststudy)**	E	2				20	5		5 Hrs
	Total Credit		**04**							

E- Elective

Bachelor of Arts SEMESTER–IV

Session :- 2025-26

FINEARTS: (DRAWINGANDPAINTING) COURSE

CODE: BARM-4245

Time:3Hrs   ***L-T-P(Credit)2-0-0***

TOTALMARKS100

THEORY MARKS40

PRACTICALMARKS20+20 =40

CA20

Note: InstructionsforthePaperSetters:

Eight questions of equal marks areto be set, two ineach ofthe four units(I-IV). Questions ofUnitsI-IV shouldbesetfromUnitsI-IVofthe syllabus respectively.Questions may be subdivided intoparts (not exceedingfour).Candidates arerequired to attemptfive questions,selecting at leastone question from each unit.The fifthquestionmaybeattemptedfromanyUnit.Eachquestionwill carry8marks.

.

UNIT–I

EarlyIndianMiniaturepainting(PalaSchool)

WesternIndianMiniaturepainting (JainSchool)

UNIT-II

MughalSchoolofart:

(i)Akbar(ii)Jahangir

UNIT-III

RajasthaniSchoolofArt:

(i)Mewar(ii)Bundi(iii)Kishangarh

UNIT-IV

PahariSchoolofArt:

(i)Kangra(ii)Basohli

SuggestedReadings:

S.No.	NameoftheBook	Publisher	Author	Year
1.	IndianMiniaturePaintings	Lustre	AnjanChakarvarty	1 January 2008
2.	PaintingFromMughalIndia	Bodlein Library	Andrew Topsfield	2008
3.	RajasthaniMiniatures	NujakiBooksPvt.Ltd	Daljeet	2018
4.	PahariPaintingsofaAncient Romance	D.KPrintWorld Ltd.	HarshV.Dehejia	2011
5.	MewarPaintings	AgamKalaPrakashan	AndhareSridhar	1 January1987

Bachelor of Arts

SEMESTER–IV

Session :- 2025-26

(PRACTICAL)

FINEARTS:LANDSCAPE PAINTING
COURSE CODE:BARM-4245(P)(I)

COURSEOUTCOMES

CO1:ThecoursewillgivetheinitialknowledgeofLandscapepainting.

CO2:Thestudent willgrabtheknowledgeofelementsofcomposition,perspective and atmosphere in Landscape Painting.

CO3: The course will also make the student aware about the theoretical concepts of the practical work.

CO4:Thecoursewillnotlimitthestudenttojustsemesterworkbutalsoprovide extra work as regular sketching

Bachelor of Arts

SEMESTER–IV

Session :- 2025-26

(PRACTICAL)

FINEARTS:LANDSCAPE PAINTING

COURSECODE:BARM-4245(P)(I)

L-T-P(Credits):0-0-1

Time:5Hrs.   *Marks:20*

Studyofclouds,treesandforeground.Emphasisshouldbegivenonperspective,texture,colourand its application in harmony.

Medium: Anymedium

Size:1⁄2Imperial

Note: The paper setter should set the Paper of LandscapePainting Practical.The topic will be given by twoexaminers.Thepracticalitselfcarries10marks(unit-1),withsemesterworkcarrying6marks(unit-2) and 2 marks each will be shared by brief theory (unit-3) and extra work (unit-4).**(10+6+2+2 =20)**

<div align="center">Unit-1</div>

Practicalexam.   **Marks:10**

- Thetopicwillbegivenbytwo examinersontheexamday.Markswillbegivenonthebasisof performance.

<div align="center">Unit-2</div>

SemesterWork.   **Marks:6**

- The Candidateswill submit 5sheets(Halfimperial)of Landscape Painting as semester work.

<div align="center">Unit-3</div>

BriefTheory.   **Marks:2**

- Thecandidate will beasked about some theoretical concepts of the course.

Unit-4

ExtraSketches.   **Marks:2**

- Along with session al work, thecandidate has to submit minimum 40 sketches as sketching done during the semester.

Bachelor of Arts

SEMESTER–IV

Session :- 2025-26

(PRACTICAL)

FINE ARTS:FULL LIFE STUDY(Life/cast study)
COURSE CODE:BARM-4245(P)(II)

COURSEOUTCOMES

COI:ThecoursewillprovidethebasicsofLifedrawing.

CO2:Thecoursewillmakethestudent awareofthevolume,texture,light andshade, Proportions, likeness through a live model.

CO3: The course will also make the student aware about the theoretical concepts of the practical work.

CO4:Thecoursewillnotlimitthestudenttojustsemesterworkbutalsoprovide extra work as regular sketching.

Bachelor of Arts
SEMESTER–IV
Session :- 2025-26
(PRACTICAL)
FINE ARTS:FULL LIFE STUDY(Life/caststudy)
COURSE CODE:BARM-4245(P)(II)

L-T-P(Credits)0-0-1

Time:5Hrs   *Marks:20*

Rendering of the ful l life study and study of muscles and bones should be done in pencil or charcoal. Emphasis should be given to structure, volume, proportion, tones and texture.

Medium: Pencilorcharcoal

Size:1⁄2Imperial

Note: The paper setter should set the Paper of Full Life Study Practical. The topic will be given by two examiners. The practical itself carries 10 marks (unit-1), with semester work carrying 6 marks (unit-2) and 2 marks each will be shared by brief theory (unit-3) and extra work (unit-4).**(10+6+2+2 =20)**

Unit-1

Practicalexam.   **Marks:10**

- Thetopicwillbegivenbytwo examinersontheexamday.Markswillbe given on the basis of performance.

Unit-2

SemesterWork.   **Marks:6**

- TheCandidateswillsubmit5sheets(Halfimperial)ofFullLifeStudyassemesterwork.

Unit-3

BriefTheory.   **Marks:2**

- Thecandidate willbeaskedaboutsometheoreticalconceptsofthecourse.

Unit-4

ExtraSketches. **Marks:2**

- Along with sessional work the candidate has to submit minimum 40 sketches as
- Sketching done during the semester.

Semester - III

Course Code	Course Name	Course Type	Hours Per Week L-T-P	Credits L-T-P	Total	Marks Total	Ext. L	Ext. P	C A	Examination time (in Hours)
BARM 3284	Home Science (Clothing Textiles -I)	E	4-0-2	4-0-1	5	100	50	20	30	3+3

E-Elective

Bachelor of Arts

SEMESTER–III

(SESSION: 2025-2026)

Home Science (CLOTHING TEXTILES –I)

(THEORY)

COURSE CODE: BARM-3284

COURSE OUTCOMES

CO (1): To gain an insight regarding different supplies and equipment used in clothing.

CO (2): To study the technique of anthropology and different

methods of developing a design such as drafting, pattern making

and draping.

 CO (3): To learn about classification of textile fibers, their manufacture and

properties.

 CO (4): To understand the process of different types of dyeing and printing along with methods of

washing and laundry.

Bachelor of Arts

SEMESTER–III

(SESSION: 2025-2026)

Home Science (CLOTHING TEXTILES –I)

(THEORY)

COURSE CODE: BARM-3284

Time: 3 Hours	**Max. Marks: 100**
L-T-P	**Theory Marks: 50**
4-0-1	**Practical Marks: 20**
	CA: 30

- **Instructions for the Paper Setters**: Eight questions of equal marks are to be set, two in each of the four Sections (A-D).Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four).
- Candidates are required to attempt five questions, selecting at least one question from each section.
- The fifth question may be attempted from any Section.
- Each question is of 10 marks.

CONTENTS

UNIT-I

- Equipments& supplies in clothing: Construction—their use & care
- Sewing Machine:
  - (a) Parts of Sewing Machine and its accessories
  - (b) Common defects in sewing machine and their remedies
  - (c) Care of Sewing Machines

UNIT II

- Recording of Body measurements. Care to be taken while taking body measurement.
- Different methods of developing a design—Drafting, Pattern making, Draping (in brief) their advantages and disadvantages.

UNIT III

- Classification of textile fibers
- Manufacture (in Brief) & properties of different fibers. a) Cotton b) Linen c) Silk d) Wool e) Nylon f) Polyester g) Rayon Viscose & Acetate

UNIT IV

- Application of color on fabric Dyeing–simple dyeing of cotton Resist Dyeing–Tie Dye and Batik Printing. a) Block Printing. b) Screen Printing. c) Roller Printing
- Methods of Laundry/Washing.

References:

- Sushma Gupta, Neeru Garg – Textbook of clothing, textiles and laundry
- Dr. Rajwinder K. Randhawa – Clothing, textiles and their care

Bachelor of Arts

SEMESTER–III

(SESSION: 2025-2026)

Home Science (CLOTHING TEXTILES –I)

COURSE CODE: BARM-3284

(Practical)

COURSE OUTCOMES

CO (1): To make basic hand and machine stitches and seams.

CO (2): To learn and make embroidery samples using 10

fancy stitches. CO (3): To draft and stitch child bloomer and

frock.

CO (4): To identify fibers through burning test.

CO (5): To design and make articles by tie and dye and block printing

Bachelor of Arts (SESSION 2025- 2026)

SEMESTER–III

HOME SCIENCE CLOTHING
TEXTILES –I

(PRACTICAL) COURSE
CODE: BARM-3284

Time: 4 Hours   **Marks: 20**

Clothing Practical:

Make samples of the following:

a) Tacking, hemming, buttonhole stitch, fasteners.

b) Seams-counter seam, run and fell, French seam.

c) Processes- continuous wrap, two piece placket opening, pleats, gathers into band, tucks.

d) Embroidery-10 fancy embroidery stitches.

Drafting of the following:

a) Childs bodice block.

b) Sleeves- plain and puff sleeve.

c) Collars-flat and raised peter pan, cape collar, baby collar.

Drafting and Stitching of:

a) Bloomer

b) Childs frock gathered.

Textile Practical:

1. Testing of Cotton, Wool & Silk, Nylon by Burning test.

2. Simple house hold dyeing of cotton fabric 12"x12".

3. Preparation of an article of Tie and Dye.

4. Preparation of article of block printing.

Instructions for the Practical Examiner:

There will be one practical exam consisting of two parts i.e

clothing and textiles. Clothing- 2 hrs 30 min.

Textiles Practical -1 hr 30 min

Semester - IV

Course Code	Course Name	Course Type	Hours Per Week L-T-P	Credits L-T-P	Total	Marks				Examination time (in Hours)
						Total	Ext.		C A	
							L	P		
BARM 4284	Home Science (Clothing Textiles -II)	E	4-0-2	4-0-1	5	100	50	20	30	3+3

Bachelor of Arts
SEMESTER–IV (SESSION: 2025-26)
Home Science (CLOTHING TEXTILES –II)
(THEORY) COURSE

CODE: BARM-4284

COURSE OUTCOMES

CO (1): To study the elements and principles of design used in garment designing.

CO (2): To study various factors responsible for selection of clothing according to various age groups and

care and storage of clothing.

CO (3): To study bleaching and finishing processes according to suitability

of fabrics.

CO (4): To study various types and classification of yarns, weaves and fabric stains.

Bachelor of Arts
SEMESTER–IV (SESSION: 2025-26)
Home Science (CLOTHING TEXTILES –II)
(THEORY) COURSE

CODE: BARM-4284

Time: 3 Hours	**Max. Marks: 100**
L-T-P	**Theory Marks: 50**
4-0-1	**Practical Marks: 20**
	CA: 30

Instructions for the Paper Setters:

• Eight questions of equal marks are to be set, two in each of the four Sections (A-D).Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four).
• Candidates are required to attempt five questions, selecting at least one question from each section.
• The fifth question may be attempted from any Section.
• Each question is of 10 marks.

CONTENT

UNIT-I

1. Principles of design such as harmony, balance, rhythm, emphasis, and proportion.

2. Elements of design such as color, line, form, texture, light and pattern.

UNIT II

1. Selection of suitable clothes for the following groups a) Infants b) Toddlers c) School going children d) Adolescents e) Adults f) Elderly.

2. Care and storage of garments: cotton wool and silk.

UNIT III

1 Bleach—Oxidizing, reducing bleaches & their suitability to different fabrics.

2 Finishing—Sizing, designing, calendaring, sanforising, mercerization, crease resistant, water proofing & water repellent, flame resistant & flame proofing.

UNIT IV

1. Different types of yarns- simple, novelty and bulk yarn in brief.

2. Fabric construction- a brief study of basic weaves a) simple weaves- basket, rib b) twill , satin, sateen. c) novelty weaves- Pile ,leno, dobby , swivel,jacquard d) felting, bonding.

3. Stains: definition, types of stains, general procedure for identification and removal of common stains.- - tea, rust, curry, oil, ball pen, boot polish, lipstick, nail polish, juice

References:

- Sushma Gupta, Neeru Garg – Textbook of clothing, textiles and laundry
  - Dr. Rajwinder K. Randhawa – Clothing, textiles and their car

Bachelor of Arts

SEMESTER–IV (SESSION: 2025-26)

HOME SCIENCE (CLOTHING TEXTILES –II)

(Practical)

COURSE CODE:

BARM-4284

COURSE OUTCOME

CO (1): To draft and stitch ladies garments- suit and nighty.

CO (2): To design and prepare article by stencils and

fabric painting. CO (3): To study basic stain removal

techniques for common stains.

BACHELOR OF ARTS

SEMESTER–IV (SESSION: 2025-26)

HOME SCIENCE (CLOTHING TEXTILES –II)

(Practical)   COURSE CODE: BARM-4284

Time: 4 hours   **Marks: 20**

 Clothing Practical

1. Drafting and stitching of the following

a) ladies shirt (kameez)

 b) salwar

 c) chooridar payjami

d) nightie.

Textile Practical

1. Preparation of article by

a) stencil printing

b) fabric painting

2. stain removal- tea, rust, curry, oil, ball pen, boot polish, lipstick, nail polish, juice

Instructions for the

Practical

Examiners: Clothing

Practical Time: 2hrs

30 min Textile

Practical Time: 1 hrs

30 min

Scheme and Curriculum of Examinations of Four Year Undergraduate Degree Programme

(Under Credit Based Continuous Evaluation Grading System) (CBCEGS)

Bachelor of Arts/ Bachelor of Science (Honours)
Semester-III

Session: 2025-26

Programme Name	Course Code	Course Title	Course Type	Hours per week L-T-P	Credits L-T-P	Total Credits	Marks				Examination Time (in Hours)
							Total	Ext. TH	P	CA	
Bachelor of Arts/ Bachelor of Science (Honours)	BARL-3333 BECL-3333 BSNL-3333 BCSL-3333	Mathematics (Differential Equations)	DSC	4-0-0	4-0-0	4	100	70	-	30	3
Bachelor of Arts/ Bachelor of Science (Honours)	BARP-3333 BECP-3333 BSNP-3333 BCSP-3333	Differential Equations Laboratory		0-0-2	0-0-1	1	50	-	35	15	3

DSC-Discipline Specific Course

Bachelor of Arts/ Bachelor of Science (Honours)
Semester–III
Session: 2025-26
Course Title: Mathematics (Differential Equations)
Course Code: BARL/ BECL/ BSNL/ BCSL-3333

Course Outcomes

After the successful completion of this course, students will be able to:

CO1: Identify differential equation, its order and degree, exact differential equations and special rules to find integrating factors.

CO2: Demonstrate the concept of linear differential equations with constant coefficients, complete solution of the differential equations, orthogonal trajectories of Cartesian and polar curves.

CO 3: Demonstrate the concept of linear differential equations with variable coefficients and its solution.

CO 4: Analyze System of ordinary simultaneous equations, Power Series, convergence of power series, Radius of convergence.

Bachelor of Arts/ Bachelor of Science (Honours)
Semester–III
Session: 2025-26
Course Title: Mathematics (Differential Equations)
Course Code: BARL/ BECL/ BSNL/ BCSL -3333

Examination Time: 3 Hours   Max. Marks: 100
L T P   Theory: 70   4 0 0
                                                                                         CA: 30

Instructions for the Paper Setter: Eight questions of equal marks (14 marks each) are to be set, two in each of the four Sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

Unit I

Differential equation of first order and first degree, Linear differential equation reducible to Linear Bernoulli's equation, Ordinary differential equation of first order. Exact differential equations. Necessary and sufficient conditions for $Mdx + Ndy$ to be Exact, integrating factors by inspections, special rules to find integrating factors with proof.

Unit II

Geometrical meaning of a complete solution of the differential equations, General solution of homogeneous equation of second order, Orthogonal trajectories of cartesian and polar curve, Homogeneous differential equations, Linear differential equations with constant coefficients.

Unit III

Singular solution, p-discriminant, c- discriminant, illustrations of singular solutions Variation of Parameters method, Reduction of order. Linear differential equations with variable coefficients, Define Cauchy's linear equations, Legendre's Linear equation.

Unit IV

First order and higher degree equations, equations solvable for y, x, p, equations not containing x, equations not containing y, Clairaut's equation and equations reducible to Clairaut's form.

System of ordinary simultaneous equations, Power Series, convergence of power series, Radius of convergence, Power Series solution about an ordinary point, solutions about singular points, Frobenius method when roots of indicial equations differ by non-integers, and when roots are equal.

Text Book:-

   M.D. Raisinghania, Ordinary and Partial Differential Equations, S. Chand, (20th edition)

Reference Book:-

   Tom M. Apostol: Calculus: An Indian Adaptation, Wiley India, 2022

Bachelor of Arts/ Bachelor of Science (Honours)
Semester–III
Session: 2025-26
Course Title: Differential Equations Laboratory
Course Code: BARP/ BECP/ BSNP/ BCSP-3333
Course Outcomes

After the successful completion of this course, students will be able to:

CO1: Apply numerical techniques such as Euler's and Runge–Kutta methods to solve first-order differential equations and visualize their solutions.

CO2: Develop computational solutions for higher-order differential equations using suitable numerical methods.

 CO3: Solve and plot systems of ordinary differential equations using appropriate software tools/packages.

 CO4: Analyze and numerically solve nonlinear differential equations arising in physical systems such as the simple pendulum.

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Bachelor of Arts/ Bachelor of Science (Honours)

Semester–III

Session: 2025-26

Course Title: Differential Equations Laboratory

Course Code: BARP/ BECP/ BSNP/ BCSP -3333

</div>

Examination Time: 3 Hours   Max. Marks: 50

                                                                              Practical: 35

L T P   CA: 15

0 0 1

<div align="center">

List of Practicals (using any package)

</div>

1. Plotting solution of first order differential equation.
2. Solve the first-order differential equation $\frac{dy}{dx}$ = ay, numerically using Runge-Kuttamethod.
3. Solve the second-order differential equation $\frac{d^2y}{dx^2}$ = ay, numerically using Runge-Kutta method.
4. Plotting of solution of family of second order differential equation.
5. Solution of system of ordinary differential equations, numerically using Runge-Kuttamethod.
6. Numerical solution of the nonlinear simple pendulum equation.

Text Books:-
1. S.S. Sastry, Engineering Mathematics - Volume I (4th Edition), PHI, 2008.
2. S.S. Sastry, Engineering Mathematics - Volume II (4th Edition), PHI

Kanya Maha Vidyalaya, Jalandhar (Autonomous)

Scheme and Curriculum of Examinations of Four Year Undergraduate Degree Programme

(Under Credit Based Continuous Evaluation Grading System) (CBCEGS)

Bachelor of Arts/ Bachelor of Science (Honours)
Semester-IV

Session: 2025-26

Bachelor of Arts/ Bachelor of Science (Honours) Semester-IV											
Programme Name	Course Code	Course Title	Course Type	Hours per week L-T-P	Credits L-T-P	Total Credits	Marks				Examination Time (in Hours)
							Total	Ext.		CA	
								TH	P		
Bachelor of Arts/ Bachelor of Science (Honours)	BARL-4333 BECL-4333 BSNL-4333 BCSL-4333	Mathematics (Analysis)	DSC	4-0-0	4-0-0	4	100	70	-	30	3
Bachelor of Arts/ Bachelor of Science (Honours)	BARP-4333 BECP-4333 BSNP-4333 BCSP-4333	Analysis Laboratory		0-0-2	0-0-1	1	50	-	35	15	3

DSC-Discipline Specific Course

Bachelor of Arts/ Bachelor of Science (Honours)
Semester–IV
Session: 2025-26
Course Title: Mathematics (Analysis)
Course Code: BARL/ BECL/ BSNL/ BCSL -4333

Course Outcomes

After passing this course, the students will be able to:

CO 1: Demonstrate an understanding of limits and how they are used in sequences.

CO 2: Understanding how limits are used in series and apply various test on series.

CO 3: To understand the concepts of Riemann sum, partitions, upper and lower sums, Riemann Inerrability of continuous functions and of monotone functions. Distinguish between the absolute convergence and conditional convergence.

 CO 4: To know Conditions for existence of improper integrals, Tests for the convergence of the improper integrals of different kinds, Absolute convergence.

Bachelor of Arts/ Bachelor of Science (Honours)

Semester–IV
Session: 2025-26
Course Title: Mathematics (Analysis)
Course Code: BARL/ BECL/ BSNL/ BCSL -4333

Examination Time: 3 Hours   Max. Marks: 100
L T P   Theory: 70   4 0 0
                                                                                              CA: 30

Instructions for the Paper Setter: Eight questions of equal marks (14 marks each) are to be set, two in each of the four Sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

Unit I

Sequence, Subsequence, Limit point of a sequence, Theorems on limits of sequences, Convergence and divergence of a sequence, Bounded and monotonic sequences and their behavior, Squeeze Theorem on sequences, Bolzano-Weierstrass theorem (statement only), Definition of Cauchy sequence, Cauchy's convergence Criterion, Cauchy's first theorem on limits with its applications, Cauchy's second theorem on limits with its applications.

Unit II

Series of non-negative terms, Convergence and divergence of infinite series, Cauchy convergence criterion for series, Comparison tests for convergence. Cauchy's condensation test, Cauchy's integral test, Cauchy's root test, D'Alembert's ratio test, Comparison between Cauchy's root test and D'Alembert's ratio test, Logarithmic test, Gauss test, Alternating series, Leibnitz's test.

Unit III

Partition of an interval, Riemann upper and lower sums, Riemann upper and lower integrals, Riemann integrability, Necessary and sufficient conditions for a bounded function to be Riemann integrable, Riemann integrability of continuous functions, monotone functions, and composition of functions, Darboux theorem, Fundamental Theorem of calculus.

Unit IV

Improper integrals, Conditions for existence of improper integrals, Tests for the convergence of the improper integrals of different kinds, Absolute convergence.

Text Book:-
    S.C. Malik, Mathematical Analysis, Wiley Eastern Ltd. (1991).
Reference Book:
    Tom M. Apostol, Calculus: An Indian Adaptation, Wiley India, 2022.

Bachelor of Arts/ Bachelor of Science (Honours)
Semester–IV
Session: 2025-26
Course Title: Analysis Laboratory
Course Code: BARP/ BECP/ BSNP/ BCSP -3333
Course Outcomes

After passing this course, the students will be able to:

CO1. Generate and analyze various types of sequences, including bounded and monotonic sequences, using computational tools.

CO2. Visualize mathematical concepts through plotting techniques to understand the behavior and properties of sequences and series.

CO3. Investigate convergence of sequences and series using analytical and numerical methods such as the Cauchy Root Test and D'Alembert Ratio Test.

CO4. Approximate and interpret the radius of convergence of power series for practical and theoretical applications.

Bachelor of Arts/ Bachelor of Science (Honours)

Semester–IV

Session: 2025-26

Course Title: Analysis Laboratory

Course Code: BARP/ BECP/ BSNP/ BCSP -3333

Examination Time: 3 Hours   Max. Marks: 50

Practical: 35

L T P   CA: 15

0 0 1

List of Practicals (using any package)

1. Generate bounded sequences.
2. Visualize bounded sequences using plots.
3. Study the convergence of sequences through plotting.
4. Visualize monotonic sequences using plots.
5. Investigate convergence of series.
6. Visualization of convergence tests: Cauchy Root test and D' Alembert Ratio test.
7. Approximating radius of convergence of a power series.

Text Books:-

1. S.S. Sastry, Engineering Mathematics - Volume I (4th Edition), PHI, 2008.
2. S.S. Sastry, Engineering Mathematics - Volume II (4th Edition), PHI, 2008.

Bachelor of Arts (Session 2025-2026) Scheme of Studies & Examination
PHILOSOPHY

						Marks			
Semester-III									
Course Code	**Course Title**	**Hours/ week**	**Credits L-T-P**	**Course Type**	**Total**	**Ext.**		**CA**	**Examination time (InHours)**
						L	**P**		
BARM-3377	Philosophy (DeductiveLogic and Applied Ethics)	4	3-0-1	E	100	50	20	30	3+3

B.A(Session2025-2026) SEMESTER–

III

PHILOSOPHY

DeductiveLogicandAppliedEthics

Course Code: BARM-- 3377

COURSEOUTCOMES

CO1.Studentswillbeabletoexplainthebasicconceptsandprinciplesoflogic,includingthe laws of thought, and identify different types of terms along with their meanings and uses.

CO2.Studentswillbeabletoclassifypropositions,analyzetheirlogicalrelationships,and apply inference rules to evaluate the validity of arguments.

CO3.Studentswillbeabletodescribethenatureofappliedethicsandexaminereal-world ethical issues, especially in professional and medical contexts like euthanasia.

CO4.Studentswillbeabletorecognizeethical challengesinlegal,educational,andbusiness settings,andunderstandtheresponsibilitiesofprofessionalsinmaintainingethicalstandards.

BachelorofArts(Session2025-2026)
SEMESTER–III
PHILOSOPHY
DEDUCTIVELOGICANDAPPLIED ETHICS
CourseCode:BARM-3377

Time– 3Hours

Max.Marks-100
Theory-50
Practical- 20
ContinuousAssessment-30

InstructionsforthePaper Setter

Eightquestionsofequalmarksaretobeset,twoineachofthefourSections Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section. ; Each question will have 10 Marks. There will be a separate paper for practical related to the subject. For it there will be six lectures in a week besides the theory lectures. The focus of these lectures would be on the applied aspect of the course and the students will prepare a presentation on the basis of their observations of specificproblemsrelatedwithAppliedEthics.Ateacherfromtheaffiliated collegeswillevaluatethestudentsonthebasisofpresentationandtheViva- Voce before/after the theory examination and will award the marks out of 20 marks.

UNIT–I

1. Logic:-Definition,NatureandScopeandutility
2. LawsofThought:Identity,Contradiction,ExcludedMiddle, Law of Sufficient Reason and their Characteristics.
3. Terms:Kinds,Connotation,DenotationandRelationbetween Connotation and Denotation.

UNIT–II

4. Proposition: Classification of Propositions, Four-fold division of PropositionsandsquareofoppositionofProposition(Contradiction, Contrariness, Sub-Contrariness, Sub alteration)
5. ImmediateInference:-Eduction:Conversion,Obversion, Contraposition and Inversion.
6. MediateInference:CategoricalSyllogism,RulesofValidityandFallacies

UNIT–III

1. AppliedEthics:Nature,ScopeandUses.
2. ProfessionalEthics
3. MedicalEthics:Concept of Euthanasia

UNIT–IV

1. LegalEthics:RoleofLawerinMaintainingLegal Ethics
2. EducationalEthics:AbusesofEducationalEthics,ArticleofNational Educational Association.
3. BusinessEthics:MoralProblemofBusinessEthics

RecommendedReadings

1. BeauchampT.L.&J.E.Childress,(Jr.),*PrinciplesofBiomedical Ethics,* 2ndEd.,OxfordUniversity Press,Oxford,2001

2. Copi,I.M.,*Introduction toLogic*,6thed.,NewYork, Macmillan,1982.

3. Singer,Peter,*PracticalEthics,*CambridgeUniversityPress,1993.

4. Titus,HaroldH.,*EthicsforToday,* EurasiaPublishingHouse,NewDelhi,1966.

5. Dr.S.N.Gupta,*(LogicWesternAndIndian)AndAppliedEthics,*BharatPrakashan (Regd.) Jalandhar city.

6. SinghShalinder,RamaSood,AmarKumar,*FundamentalsOfLog ic,*Krishna.BrotherJalandh

Bachelor of Arts (Session 2025-2026) Scheme of Studies & Examination
PHILOSOPHY

					Semester-IV				
Course Code	Course Title	Hours/ week	Credits L-T-P	Course Type	Marks				Examination time (InHours)
					Total	Ext.		CA	
						L	P		
BARM-4377	Philosophy (InductiveLogic and Environmental Ethics)	4	3-0-1	E	100	50	20	30	3+3

B.A(Session2025-2026) SEMESTER–

IV

PHILOSOPHY

Inductive Logic and Environmental Ethics

Course Code: BARM- 4377

COURSEOUTCOMES

CO1.Demonstrateanunderstandingofvariousmethodsofinductionanddistinguishbetween inductive and deductive reasoning to form valid hypotheses.

CO2.AnalyzetheconceptofAnumanaandtheroleofVyaptiinNyayaDarshantoidentify valid and fallacious reasoning in Indian logic.

CO3.Evaluatekeyenvironmentalethicsprinciples,includingtheconceptofdeepecology and the greenhouse effect, and relate them to traditional Indian views on nature.

CO4.Assesstheimpact of population growth, pollution, and nuclear threatson the environmenttodevelopinformedopinionsoncontemporaryecologicalchallenges.

BACHELOROFARTS(Session:2025-2026)
Semester IV
PHILOSOPHY
CourseCode:BARM-4377
INDUCTIVELOGICANDENVIRONMENTAL ETHICS

ExaminationTime–3Hours

Max.Marks-100
Theory-50
Practical-20
ContinuousAssessment-30

InstructionsforthePaperSetter

Eight questions of equal marks are to be set, two in each of the four Sections Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attemptfivequestions,selectingatleastonequestionfromeachsection.The fifthquestionmaybeattemptedfromanySection.;Eachquestionwillhave 10Marks.Therewillbeaseparatepaperforpracticalrelatedtothesubject. For it there will be six lectures in a week besides the theory lectures. The focus of these lectures would be on the applied aspect of the course and the students will prepare a presentation on the basis of their observations of specificproblemsrelatedwithAppliedEthics.Ateacherfromtheaffiliated collegeswillevaluatethestudentsonthebasisofpresentationandtheViva- Voce before/after the theory examination and will award the marks out of 20 marks.

UNIT–I

1. **Induction:DefinitionandCharacteristicsofInduction;Methodsof Induction (simple enumeration, scientific induction and analogy) Difference between deduction andinduction.**
2. **Causation:NatureofCause,PluralityofCauses**
3. **Nature,FormalconditionandstagesofValidHypothesis.**

UNIT–II

1. **Anumanain NyayaDarshan.**
2. **NatureofVyapti**
3. **HetvabhasainNyayasyllogism**

UNIT–III

1. **EnvironmentalEthicsanditsConcerns**
2. **Ecology:-deepecologyandGreenHouse Effect**
3. **Man-NatureRelationship:PrincipleofRta(Indian Tradition).**

UNIT–IV

1. **PopulationanditseffectsonEnvironment**
2. **Pollutionandits forms**
3. **NuclearThreatstoManand Environment.**

RecommendedReadings

1. Attield,R.,*EnvironmentalPhilosophy:PrinciplesandProspects,*Aldershot, Avebury,1994.

2. Barlingay,S.S.,*AModernIntroductiontoIndianLogic,*NationalPublishing House, Delhi, 1965.

3. Chahal,SurjitKaur,*EnvironmentandTheMoralLife,TowardsANew Paradigm,* Ashish Publishing House, New Delhi, 1994.

4. CohenandNegal,*IntroductiontoLogicandScientificMethods,*Allied Publishers, Bombay, 1976.

5. Dreyer,Oleg,*EcologicalProblemsofDevelopingCountries,*Ajanta Publications, Delhi, 1989.

6. Facione,PeterA.,*LogicandLogicalThinking,AModularApproach,*McGraw Hill, New York, 1978.

7. Dr.S.N.Gupta,*(LogicWesternAndIndian)AndAppliedEthics,*BharatPrakashan (Regd.) Jalandhar city.

8. SinghShalinder, RamaSood,AmarKumar, *FundamentalsOfLogic,* KrishnaBrothers,Jalandhar144008.

9. S.Radhakrishnan; Indian Philosophy;Vol.1and2

SCHEME AND CURRICULUM OF EXAMINATIONS OF THREE YEAR DEGREE PROGRAMME
Bachelor of Arts
Session: 2025-26

			BACHELOR OF ARTS SEMESTER-III				
Course Code	**Course Title**	**Course Type**	**Marks**				**Examination time (in Hours)**
			Total	**Ext.**		**CA**	
				L	**P**		
BARM-3384	**Physical Education**	**E**	100	40	30	30	3+3

COURSE OUTCOMES: PHYSICAL EDUCATION

Upon Successful Completion of this Semester, Students will be able to:

CO1: This section gives a brief overview of Meaning of Learning, Laws of Learning, Learning Curve, Notion of Motivation, & Different Theories of Motivation

CO2: This section gives a brief overview of Play Theories, Psychological Factors Effecting Sports Performance, and Psychological Characteristics of the Adolescent in Sports Situation.

CO3: This section gives a brief overview of Concept of Personality, Transfer of Training, Factors Affecting Transfer of Training, Concept of Growth and Development, it also highlights.

CO4: This section gives a brief overview of Causes of Poor Performance of Sports in India, Concept of Socialization through Sports, Role of Politics and Economy in the Promotion of Games and Sports

Course Title: Physical Education
Time: 3 Hours   Max. Marks: 100
Theory: 40
Practical: 30
CA: 30

Instructions for the Paper Setter: Eight questions of equal marks (8 marks) are to be set, two in each of the Four Sections (A-D). Questions of Sections A-D should be set from Units I-IV of the Syllabus Respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any section.

UNIT-I
−Meaning of Learning, Nature of Skill Learning and Laws of Learning, Learning Curve
−Meaning, Definitions, Types and Methods of Motivation&Different Theories of Motivation

UNIT-II
−Play Meaning and Theories
−Psychological Factors Effecting Sports Performance i.e., Stress Tension, Anxiety, Aggression
−Psychological Characteristics of the Adolescent in Sports Situation.

UNIT-III
−Meaning, Definitions, Characteristics, Dimensions of Personality
−Meaning, Definitions, Types and Factors Affecting Transfer of Training
−Growth and Development during Childhood: Physical, Mental, Emotional, Social Development

UNIT-IV
−Causes of Poor Performance of Sports in India
−Meaning and Definitions of Socialization, Socialization through Sports
−Role of Politics and Economy in the Promotion of Games and Sports.

References/Text Books:
1. Singh, Kanwaljeet and Singh Inderjeet. (2000). Sports Sociology, Friends Publication, New Delhi.
2. Tandan, D.K. (2001). Scientific basis of Physical Education and Sports, Friends Publication, New Delhi.
3. Singh, Ajmer and Gill Jagtar. (2004). Essentials of Physical Education and Olympic Movement, Kalyani Publishers, Ludhiana.
4. Blair Jones & Simpson. (1962). Educational Psychology". The MacMillan Co., New York.
5. Brown, R: (1965). Social Psychology, Free Press, New York.
6. Bucher, Charles A. (1979). Foundations of Physical Education", St. Louis, The C.V. Mosby Company.
7. Singh, Ajmer. (2000). Modern Text Books of Physical Education, Health and Sports, Kalyani Publishers, Ludhiana, 2000.

Bachelor of Arts
Semester-III
Session 2025-26
Course Code: BARM-3384
Course Title: Physical Education
Practical

Marks: 30

Division of Marks: Athletics (07) + Games (07) + Practical Note Book (4), *****Games/Athletics Event Comprehensions & Viva–Voce (12)

Athletics Performance:
- 200 M
- Discuss Throw

Games:
Football, Wrestling

*Games/Athletics Event Comprehensions & Viva–Voce
- History of the Game/Athletic Events
- Basic Fundamentals
- Equipment and Specifications
- Marking/Layout of Field
- Rules and Regulations (Number of Players, Number of Officials required and General Rules of Play)
- Major Tournaments of the Game/Competitions

Kanya Maha Vidyalaya, Jalandhar (Autonomous)
SCHEME AND CURRICULUM OF EXAMINATIONS OF THREE YEAR DEGREE PROGRAMME
Bachelor of Arts
Session: 2025-26

Course Code	Course Title	Course Type	L-T-P	Total	Ext. L	Ext. P	CA	Examination time (in Hours)
					Marks			
BARM-4384	**Physical Education**	E	3-0-1	100	40	30	30	3+3

COURSE OUTCOMES: PHYSICAL EDUCATION

Upon Successful Completion of this Semester, Students will be able to:

CO1: This section gives a brief overview of Yoga, Meaning, Aim and Types, Practice of Asanas and their Importance, Meditative Poses, Padmaasanas, Vajraasanas, Sukhasanas and Cultural Poses: Halasana, Sarvangasana, Bhujangasana, Salabhasana, Dhanurasana, and Chakrasana.

CO2: ThisSection gives a brief overview of Pranayama, its Importance and Types, Objectives and Physiological Values, Shudhi-Kriya: Its Types, Objectives and Physiological Values, Effect of Yogic and Physical Exercises on Various Systems of the Body.

CO3: ThisSection gives a brief overview of working of different systems such as Respiratory System: Organs of Respiratory, Mechanism of Respiration, Excretory System: Structure and Functions of Kidney and Skin, Endocrine System: Meaning of Endocrine Glands, Functions and Location of Pituitary, Thyroid and Adrenal Glands

CO4: This section gives a brief overview of working of different systems such as Nervous System: Its Organs and Functions, Digestive System: its Organs and Mechanism of Digestion Circulatory System: Heart and Its Structure, Mechanism of Circulation of Blood, Various Types of Blood Vessels, Effect of Exercises on different Systems of Human Body.

Bachelor of Arts
Semester-IV
Session 2025-26
Course Code: BARM-4384
Course Title: Physical Education
Time: 3 Hours

Max. Marks: 100
Theory: 40
Practical: 30
CA: 30

Instructions for the Paper Setter: Eight questions of equal marks (8 marks) are to be set, two in each of the Four Sections (A-D). Questions of Sections A-D should be set from Units I-IV of the Syllabus Respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any section.

UNIT-I
−Meaning, Aim and Types of Yoga
−The Practice of Asanas and their Importance, Meditative Poses, Padmaasanas, Vajraasanas, Sukhasanas
−Cultural Poses: Halasana, Sarvangasana, Bhujangasana, Salabhasana, Dhanurasana, Chakrasana

UNIT-II
−Pranayama, Its Types, Objectives and Physiological Values
−Shudhi-Kriya: Its Types, Objectives and Physiological Values
−Effect of Yogic and Physical Exercises on Various Systems of the Body

UNIT-III
−Respiratory System: Organs of Respiratory, Mechanism of Respiration
−Excretory System: Structure and Functions of Kidney and Skin
−Endocrine System: Meaning of Endocrine Glands, Functions and Location of Pituitary, Thyroid and Adrenal Glands

UNIT-IV
−Nervous System: Its Organs and Functions
−Digestive System: its Organs and Mechanism of Digestion
−Circulatory System: Heart and Its Structure, Mechanism of Circulation of Blood, Various Types of Blood Vessels
−Effect of Exercise on Muscular, Circulatory and Respiratory Systems

References/Text Books:

1. Atwal & Kansal. (2016). "AP Text Book of Health, Physical Education & Sports", AP Publishers.
2. R. D. Kansal. (2009). "Physical Education and Sports", Modern Publishers, India.
3. Sri Anand. (1980). *"The Complete Book of Yoga: Harmony of Body and Minds",* Orient Paper Back, New Delhi.
4. John Raynor. (1983). Anatomy and Physiology, New York Harper & Row.
5. Rose & Wilson. (1981). Foundations of Anatomy and Physiology, 5th Edition.
6. Parror, J.W. (1983). Anatomy and Physiology for Physical Education Teachers, Lend; Edward Arnold Healthful Living McGraw Hill.
7. Vijayendra Pratap. (1987). *"A Teacher's Guide for Beginning Yoga",* First Edition, Sky Foundations, Philadelphia, Pennsylavania, U.S.A.
8. Memmler, Cohen & Wood. (1992). "Structure & Function of the Human Body", Lippincott Williams & Wilkins; Subsequent.

Bachelor of Arts
Semester-IV
Session 2025-26
Course Code: BARM-4384
Course Title: Physical Education
Practical

Marks: 30

Division of Marks: Athletics (07) + Games (07) + Practical Note Book (4), ***Games/Athletics Event Comprehensions & Viva–Voce (12)**

Athletics Performance:
- 200M
- High Jump

Games:
- Hockey, Yoga

*Games/Athletics Event Comprehensions & Viva–Voce
- History of the Game/Athletic Events
- Basic Fundamentals
- Equipment and Specifications
- Marking/Layout of Field
- Rules and Regulations (Number of Players, Number of Officials required and General Rules of Play)
- Major Tournaments/Competitions

SCHEME AND CURRICULUM OF EXAMINATION OF THREE YEAR DEGREE PROGRAMME

Bachelor of Arts
SESSION-2025-26

Course Code	Course Name	Course Type	Hours/week L-T-P	Credits L-T-P	Marks				Examination Time (in Hours)
					Total	Ext.		CA	
						L	P		
BARL-3406	Political Science (Indian Constitution)	E	4-0-0	4-0-0	100	70	00	30	3

Bachelor of Arts Semester-III (Political Science)

Bachelor of Arts (Semester III) 2025-26

Political Science (Indian Constitution)

Course Code: BARL – 3406

CO: (Course Outcomes)

After completing semester III, the student will have in-depth knowledge of Indian Constitution, which will enable:-

CO 1. To understand various dimensions of Indian Constitution.

CO 2. Understanding of structure and working of Indian political structures and different branches of governments.

CO 3. Understanding about the supreme courts initiatives in order to bring the social ,economic and political changes in the country.

CO 4. To evaluate the performance of democratic institutions of India and the impact of the policies of the government regarding the service provided by system.

This course outcome will help the students in their further higher education programs and competitive exams.

Bachelor of Arts (Semester III)
Session 2025-26
Political Science (Indian Constitution)
Course Code BARL-3406

Examination Time: 3 Hrs.

L-T-P: 4-0-0
Total Marks: 100
Theory Marks: 70
CA: 30

Instructions for the Examiner:
Eight questions of equal marks are to be set, two in each of the four Sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section. Each question will carry forteen marks.

Unit-I
1. Constitutional Development in India
2. Basic features of the Indian Constitution.
3. Preamble and its importance.

UNIT–II
1. Fundamental Rights, features, kinds and evaluation.
2. Directive Principles of the State Policy.
3. Fundamental Duties.

UNIT–III
1. Parliament: Composition, Powers and Role.
2. President: Election, Powers and Position.
3. Indian Cabinet and Prime Minister: Election, Powers, Position and Changing Role.
4. Supreme Court and High Court: Composition, Powers and Role, Judicial Activism and Judicial Review

UNIT–IV
1. Governor: Appointment, Powers and Role.
2. State Legislature: Composition, Powers and Role.
3. Council of Ministers and Chief Minister: Election, Powers, Position and Role.

Books Recommended:
1. G. Austin, The Indian Constitution: Corner Stone of a Nation, Oxford, Oxford University
Press, 1966.
2. G. Austin, Working of a Democratic Constitution: The Indian Experience, Oxford
University Press, 2000, Delhi.
3. D.D. Basu, An Introduction to the Constitution of India, New Delhi, Prentice Hall, 2008.
4. C.P. Bambhri, The Indian State Fifty Years, New Delhi, Shipra, 1997.
5. P. Brass, Politics of India Since Independence, Hyderabad, Orient Longman, 1990.
6. P. Brass, Caste, Faction and Parties in Indian Politics, Vol. II, Delhi, Chanakya
Publications 1984-1985.
7. P. Brass, Ethnic Groups and the State, London, Croom, Helm, 1995.
8. P. Brass, Language, Religion and Politics in North Indian, London, Cambridge
University Press, 1974.
9. B.L. Fadia, State Politics in India, Vol. II, New Delhi, Radiant Publishers, 1984.

10. F.R. Frankel, India's Political Economy 1947-1977, The Gradual Revolution, Oxford, Oxford University Press, 1978.

11. R. Kothari, State against Democracy: In Search of Human Governance, Delhi, Ajanta, 1988.

12. R. Kothari, Politics in India, New Delhi, Orient Longman, 1970.

13. R. Kothari, Party System and Election Studies, Bombay, Asia Publishing House, 1967.

14. I. Narain (ed.), State Politics in India, Meerut, Meenakshi Parkashan, 1967.

15. M.V. Pylee, Constitutional Government in India, Bombay, Asia Publishing House, 1977.

16. M.V. Pylee, An Introduction to the Constitution of India, New Delhi, Vikas, 1998.

17. S.P. Verma and C.P. Bhambari (ed.), Election and Political Consciousness in India, Meerut, MeenakshiParkashan, 1967.

18. B.L. Fadia, Indian Government and Politics, Agra, SahityaBhavan Publications, 2008.

19. A.S. Narang, Indian Government and Politics, New Delhi, Gitanjali, 1999.

20. Indian Journal of Political Sciences

21. Punjab Journal of Politics

22. Seminar

23. Lloyd I. Rudolph and Susanne Hoebar Rudolph, Explaining Indian Democracy: A Fifty- Year Perspective, 1956-2006, Vol. I, II, III, New Delhi, OUP, 2008.

24. Francine Frankel, India's Political Economy: 1947-2004, New Delhi, OUP, 2006.

25. MadhavKhosla, The Indian Constitution, Oxford, 2012

26. SudhirKrishnaswamy, Democracy and Constitutionalism in India : the Study of Basic Structue, Oxford,2011

27. P.M Bakshi, The Constitution of India, Universal, 2007.

28. J.C Johari, The Constitution of India, Sterling, 2007

29. Brij Kishore Shasma, Introduction to the Constitution of India, PHI, 2009

30. ZoyaHasan, E. Sridharan and R. Sudarshan (ed.), India's Living Constitution : Ideas, Practices, Controversies, Permanent Black, New Delhi, 2004.

31.ZoyaHasan, Parties and Party Politics in India, Oxford University Press, New Delhi, 2002.

32. NirajaGopalJayal (ed.), Democracy in India, Oxford University Press, Delhi, 2001.

33. A.G. Noorani, Constitutional Questions in India, Oxford University Press, 2000.

34. ParthaChatterjee (ed.), State and Politics in India, Oxford University Press, 1999.

35. Sumantra Bose, Transforming India: Challenges to the World's Largest Democracy, 2013

36. VinodSaighal, Revitalising Indian Democracy, New Delhi: Gyan Publishing House, 2012.

37. Devender Singh, The Indian Parliament - Beyond the Seal and Signature of Indian Democracy, Universal Law Publishing, 2016

SCHEME AND CURRICULUM OF EXAMINATIONS OF THREE YEAR DEGREE PROGRAMME

BACHELOR OF ARTS
SESSION-2025-26

				Credits	Marks				Examination Time
Bachelor of Arts Semester –IV (Political Science)									
Course Code	Course Name	Course Type	Hours/week L-T-P	L-T-P	Total	Ext.		CA	(in Hours)
						L	P		
BARL-4406	Political Science (Indian Political System)	E	4-0-0	4-0-0	100	70	00	30	3

Bachelor of Arts (Semester IV) 2025-26

Political Science (Indian Political System)

Course Code: BARL – 4406

CO: (Course Outcomes)

After completing semester IV, the student will have in-depth knowledge of Indian Constitution, which will enable:-

CO 1: To know regarding the working of Indian Political structures, formal and informal organizations of the government.

CO 2: Conceptual clarity of the basic postulates of democratic process i.e. the voting behaviour, working of political parties, pressure groups, the issues of political participation etc.

CO 3: To identify the different aspects of Political Processes, particularly political participation and various issues.

CO 4: To understand the dynamics of social structures with special focus on the role of caste, religion, language, ethnicity and regionalism etc. as the dominant and crucial aspect in Indian politics and their impact over the working of the political process.

CO 5: To understand the external political process in the contemporary period.

This course outcome will help the students in their further higher education programs and competitive exams.

Bachelor of Arts (Semester IV)
Session 2025-26
Political Science (Indian Political System)

Course Code: BARL-4406

Examination Time: 3 Hrs.

L-T-P: 4-0-0
Total Marks: 100
Theory Marks: 70
CA: 30

Instructions for the Examiner:
Eight questions of equal marks are to be set, two in each of the four Sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section. Each question will carry forteen marks.

Unit I

1. State Politics in India; Changing Nature, Dynamics and Patterns of Punjab Politics

2. Reorganization of States

3. Nature of Indian Federalism and Centre-State Relations

Unit II

1. Nature of Party System in India: A Critical Evaluation.

2. National Political Parties (Indian National Congress – BJP, CPI, CPI (M), their organisation, Ideologies and electoral performance.

3. Regional Political Parties (SAD, DMK, Aam Aadmi Party, National Conference): Their Organisation, Ideologies and Electoral Performance.

Unit–III

1. Caste and Religion in Indian Politics.

2. Regionalism and Indian politics.

3. Emerging trends in Indian Politics.

Unit–IV

1. The Election Commission: Powers, functions, and Electoral Reforms.

2. Voting Behaviour with special reference to Punjab

3. Political Participation: Determinants and levels of Political Participation.

Books Recommended:

1. G. Austin, The Indian Constitution: Corner Stone of a Nation, Oxford, Oxford University Press, 1966.

2. G. Austin, Working of a Democratic Constitution: The Indian Experience, Oxford University Press, 2000, Delhi.

3. D.D. Basu, An Introduction to the Constitution of India, New Delhi, Prentice Hall, 2008.

4. C.P. Bambhari, The Indian State Fifty Years, New Delhi, Sipra, 1997.

5. P. Brass, Politics of India Since Independence, Hyderabad, Orient Longman, 1990.

6. P. Brass, Caste, Faction and Parties in Indian Politics, Vol. II, Delhi, Chanakya Publications 1984-1985.

7. P. Brass, Ethnic Groups and the State, London, Croom, Helm, 1995.

8. P. Brass, Language, Religion and Politics in North Indian, London, Cambridge University Press, 1974.

9. Rajni Kothari (ed.), Caste in Indian Politics, New Delhi: Orient Longman, 2004.

10. Lloyd L. Rudolph and Susanne Hoeber Rudolph, Explaining Indian Democracy: A Fifty-year Perspective, 1956-2006, Vol. I, II, III, New Delhi: Oxford University Press, 2014.

11. Sudipta Kaviraj (ed.), Politics in India, New York: Oxford University Press, 1997.

12. Niraja Gopal Jayal and Pratap Bhanu Mehta (eds.), *The Oxford Companion to Politics in India,* New Delhi: Oxford University Press, 2010.

SCHEME AND CURRICULUM OF EXAMINATION OF THREE YEAR DEGREE PROGRAMME

Bachelor of Arts
SESSION-2025-26

Course Code	Course Name	Course Type	Hours/week L-T-P	Credits L-T-P	Marks Total	Marks Ext. L	Marks Ext. P	Marks CA	Examination Time (in Hours)
BARL-3414	Public Administration (Personnel Administration in India)	E	4-0-0	4-0-0	100	70	00	30	3

Bachelor of Arts Semester-III (Public Administration)

Bachelor of Arts (Semester III) 2025-26

Public Administration (Personnel Administration in India)

Course Code: BARL – 3414

CO: (Course Outcomes)

After completing semester III, the student will have in-depth knowledge of the working of Personnel Administration in India, which will enable:-

CO 1: Develop the understanding regarding the functions of Personnel Administration and their role in the administrative structure of India.

CO 2: This course will further enhance the knowledge about the recruitment and training component of the civil services in India.

CO 3: Impart the knowledge about the employee-employer relationships and various mechanisms for the eradication of corruption from the administrative machinery.

This course outcome will help the students in their further higher education programs and competitive exams.

BACHELOR OF ARTS (SEMESTER–III)
Session 2025-26
Public Administration (Personnel Administration in India)

Course Code BARL-3414

Examination Time: 3 Hrs.

L-T-P: 4-0-0
Total Marks: 100
Theory Marks: 70
CA: 30

Instructions for the Examiner:
Eight questions of equal marks are to be set, two in each of the four Sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section. Each question will carry forteen marks.

UNIT–I
Introduction:
Meaning, Nature and Scope of Personnel Administration.
Characteristics of Public Personnel Administration in India.
Functions and Significance of Personnel Administration.
Public Services and their role in Administrative System.
UNIT–II
Civil Services in India: Role and rationale of All India Services.
Recruitment: Meaning, Methods
Promotion: Meaning, Principles.
Training: Meaning, Objectives and Types, Training System in India.
UNIT–III
Personnel Agencies:
Functions and Role of Department of Personnel and Public
Grievances, Union Public Service Commission, State Public Service
Commissions & Staff Selection Commissions
UNIT–IV
Employer—Employee Relations and Working Conditions:
Employee's participation in Management
Rights of Public Servant, Conduct and Discipline
Integrity in Public Services - Problem of Corruption
Lok Pal and Lok Ayukta. Central Vigilance Commission

Suggested Readings:
1. Government of India, Report on Personnel Administration, New Delhi, 1970.
2. Glenn O. Stahl: Public Personnel Administration, 7th Ed., Oxford IBH Publication Compo,
New Delhi, 1977.
3. Goel S.L. and Shalini Rajneesh, Public Personnel Administration: Theory and Practice, Deep
and Deep Publications, New Delhi, 2002.
4. Indian Institute of Public Administration, Personnel Administration, New Delhi, 1970.
5. Sahib Singh and Sawinder Singh, Public Personnel and Financial Administration, New
Academic Publisher, 2002.
6. Sinha V.M., Personnel Administration, R.B.S.A., Publisher, Jaipur, 1985.
7. Davar , R.S.(1976). Personnel Management and Industrial Relations .New Delhi :Vikas Publishers.
8. Tyagi, A.R.(2001).Public Administration: Principles and Practice .Delhi: Atma Ram and Sons Publishers.
9. Government of India, 2nd Administrative Reforms Commission.(2010) 10th Report :Refurbishing of Personal Administration –
Scaling New Heights.New Delhi : Manager of Publications.

10. Paul Pigors and C.A. Myers(1973). Personnel Administration : A Point of View and Method. New York:McGraw Hill.

11. Arthur W Procter, Principles of Personnel Administration, 2009.

12.Suneel Dhariwal & K. K. Parnami **(eds.)**, Training, Civil Services & Personnel Administration, 1st Edition, New Delhi: Rawat Publications, 2007.

13.PaulPigors,Readings In Personnel Administration, Nabu Press, 2011.

14.M. N. Rudrabasavaraj, Dynamic of Personnel Administration-Management of Human Resources, New Delhi: Himalaya Publishing House Pvt., 2013.

SCHEME AND CURRICULUM OF EXAMINATIONS OF THREE YEAR DEGREE PROGRAMME

BACHELOR OF ARTS
SESSION-2025-26

Bachelor of Arts Semester –IV (Public Administration)									
Course Code	Course Name	Course Type	Hours/week L-T-P	Credits	Marks				Examination Time (in Hours)
				L-T-P	Total	Ext.		CA	
						L	P		
BARL-4414	Public Administration (Financial Administration)	E	4-0-0	4-0-0	100	70	00	30	3

Bachelor of Arts (Semester IV) 2025-26

Public Administration (Financial Administration)

Course Code: BARL – 4414

CO: (Course Outcomes)

After completing semester IV, the student will have in-depth knowledge of Financial Administration in India, which will enable:-

CO 1: This course has a vast scope in Competitive examinations particularly Indian Administrative Services as well as more avenues of employment in other fields also.

CO 2: To enable them to understand the dynamics of nature and working of civil administration.

This course outcome will help the students in their further higher education programs and competitive exams.

Bachelor of Arts (Semester–IV)
Session 2025-26
Public Administration (Financial Administration)
Course Code BARL-4414

Examination Time: 3 Hrs.

L-T-P: 4-0-0
Total Marks: 100
Theory Marks: 70
CA: 30

Instructions for the Examiner:
Eight questions of equal marks are to be set, two in each of the four Sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section. Each question will carry forteen marks.

UNIT–I

Introduction

Nature and Scope of Financial Administration

Objectives and Principles of Financial Administration.

Union-State Financial Relations, Finance Commission, NITI Aayog.

UNIT–II

Budgetary System

Meaning, Purpose and Principles of Budget—Budget as a tool of Administration.

Preparation of Budget.

Enactment of Budget.

Execution of Budget.

Performance Budgeting.

Zero-Base Budgeting.

UNIT–III

Legislative Control over Finance.

Role of Financial Committees: Public Accounts Committee, Estimates Committee; Committee on Public Undertakings.

UNIT–IV

Organization of Ministry of Finance; Department of Finance in Punjab; Audit: Meaning and Significance; Comptroller and Auditor General.

Suggested Readings:

1. Goel S.L., Financial Administration, Deep and Deep Publication, New Delhi, 2002.

2. Government of India, Administrative Reforms Commission, Report of Financial Account and Audit, New Delhi, 1967.

3. Government of India, Administrative Reforms Commission, Report of Central State Relations, New Delhi, 1967.

4. Lall G.S., Financial Administration in India, H.P.J. Kapoor Delhi, 1969.

5. Puri K.K. and G.S. Barara, Personnel and Financial Administration, Bharat Prakashan, Jalandhar, 2003.

6. Sahib Singh and Swinder Singh, Public Personnel and Financial Administration, New Academic Publisher, 2002.

7. Thavaraj M.J.K., Financial Administration in India, S. Chand & Co. Pvt. Ltd., New Delhi,

1997.

8. Mookerjee ,S.S. Indian Public Finance and Financial Administration. New Delhi.

9. Government of India, 2nd ARC .14th Report- Strengthening Financial Management System.

10. Mahajan S. and Mahajan, A.(2014). Financial Administration in India. Delhi : PHI Learning Private Limited.

11. Sinha, R.K.(1986).Centre-State Financial Relations in India: Various Aspects, Irritants, Framework for Action .New Delhi: Deep & Deep Publications.

12. M. Laxmikanth, Public Administration, New Delhi: Tata McGraw Hill Education India.

13. Bidyut Chakrabarty, Public Administration in a Globalizing World, New Delhi: Sage Publications, 2014.

SCHEME AND CURRICULUM OF EXAMINATION OF THREE YEAR DEGREE PROGRAMME

Bachelor of Arts
SESSION-2025-26

Bachelor of Arts Semester-III (Human Rights)									
Course Code	Course Name	Course Type	Hours/week L-T-P	Credits	Marks				Examination Time (in Hours)
				L-T-P	Total	Ext.		CA	
						L	P		
BARL-3295	Human Rights (Societal Issues of Human Rights in India)	E	4-0-0	4-0-0	100	70	00	30	3

Bachelor of Arts (Semester III) 2025-26

Human Rights (Societal Issues of Human Rights in India)

Course Code: BARL – 3295

Co: (Course Outcomes)

After completing semester III, the student will have in-depth understanding of societal problems regarding the human rights in India, which will enable:-

CO I:The students to have the knowledge regarding the Societal problems and theoretical approaches to Social problems and Social Changes.

CO 2: Understanding about the national initiatives for the protection of human rights of minorities, scheduled castes and scheduled tribes; aged &disabled and problems of women.

CO 3: The understanding of Offence involving Human Rights of Accrued, Inmates of Persons and Custodial Homes.

CO 4: This course lays the guidelines for improving the performance of Police and Jail system in more efficient manner.

CO:5 To aware the students about the rights to Legal Aid and legal mechanism in case of violation of Human rights .

This course outcome will help the students in their further higher education programs and competitive exams.

Bachelor of Arts (Semester III)
Session 2025-26
Human Rights (Societal Issues of Human Rights in India)
Course Code: BARL-3295

Examination Time: 3 Hrs.

L-T-P: 4-0-0
Total Marks: 100
Theory Marks: 70
CA: 30

Instructions for the Examiner:
Eight questions of equal marks are to be set, two in each of the four Sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section. Each question will carry forteen marks.

UNIT–I
Concepts and Approaches: Concept of Societal Problems and Human Rights.

UNIT–II
Theoretical approaches to Social problems and Social Changes.

UNIT–III
Social Problems: Causes and Types: Problems of Hierarchy. Problems of Minorities, Scheduled Caste and Scheduled Tribes; Population Explosion; Problems of Aged and Disabled; and Problems of Women.

UNIT–IV
Human Rights Abuse and Rights of Accused, Rights of Inmates of Prisons and Custodial Homes. Rights to Legal Aid, Contemporary Issues of Punishment; and Reforms in Police and Jails.

Recommended Books:
1. Syed Mehartaj Begum, Human Rights in India: Issues and Perspectives, A.P.H. Publishers, New Delhi.
2. Sahu, Asima, Human Rights Violations and the Law, Pointer Publishers, Jaipur.
3. Naseema C., Human Rights Education, Kanishka Publishers, New Delhi.
4. SubbianAdaikkalam, Human Rights: Philosophy Promotion Protection and Perspective.
5. Kumar, Bindal, (2000), Problems of Working Children, APH Publication, New Delhi.
6. Dikshit, R.C., (1998), Human Rights and the Law, Universal and Indian, Deep and Deep, New Delhi.
7. Jha, R.C., (1995), Resurrecting: Human Right in India, Sheridan Book Company, New Delhi
8. Bava, Noorjahan, (ed), (2000), Human rights and Criminal Justice Administration in India, New Delhi: Uppal Publishing House.
9. Ghosh, S.K., (1993), Torture and Rape in Police Custody: Asish Publishing House, New Delhi.
10. Sharma, A.K. (1995) "Human Rights Violations of Street Children and Child Labor in New Delhi", In B. P. Singh Seghal (ed.) Human Rights in India: Problems and Perspectives, Deep and Deep, New Delhi.
11. Singh, S.K., (1994), Bonded Labor and the La, Deep and Deep. New Delhi.
12. Paul, R.C., Situation of Human Rights in India, (2000) Commonwealth New Delhi: Publishers.
13. Rao, Ashiwini, Status of Human Rights in India, (2010) New Delhi, Pacific.
14. South Asian Human Rights Documentation Centre: Human Rights and Humanitarian Law, (2008) South Asian Human Rights Documentation Centre, New Delhi.
15. South Asian Human Rights Documentation Centre: Introducing Human Rights, New Delhi, (2006) South Asian Human Rights Documentation Centre, New Delhi.
16. Pachauri, S.K., Children and Human Rights, (1999), APH Publications, Delhi.
17. Pachauri, S.K. Women and Human Rights, (1999), APH Publications, New Delhi.

SCHEME AND CURRICULUM OF EXAMINATION OF THREE YEAR DEGREE PROGRAMME

BACHELOR OF ARTS
SESSION-2025-26

Course Code	Course Name	Course Type	Hours/week L-T-P	Credits L-T-P	Marks Total	Ext. L	Ext. P	CA	Examination Time (in Hours)
					Bachelor of Arts Semester-IV (Human Rights)				
BARL-4295	Human Rights (Environment and Human Rights)	E	4-0-0	4-0-0	100	70	00	30	3

Bachelor of Arts (Semester IV) 2025-26

Human Rights (Environment and Human Rights)

Course Code: BARL – 4295

Co: (Course Outcomes)

After completing semester IV, the students shall have an in-depth knowledge about environment and working of various agencies for the protection of environment and human rights, which will enable:-

CO I: To understand the historical perspective of environment and pollution and its effects on life and earth.

CO: To understand the rights about clean environment and the right to development and growth.

CO: To understand and appreciate the real scenario of Planet Earth in the era of globalization.

CO 4: To evaluate the constitutional provisions and initiatives and policies of the government towards the protection of the environment.

This course outcome will help the students in their further higher education programs and competitive exams.

Course Code: BARL-4295

Examination Time: 3 Hrs.

L-T-P: 4-0-0
Total Marks: 100
Theory Marks: 70
CA: 30

Instructions for the Paper Setter: Eight questions of equal marks are to be set, two in each of the four Sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section. Each question will carry forteen marks.

UNIT–I

Environment: Meaning; and Concern for Environment.

UNIT–II

Historical Perspective; and Pollution and its effects on environment and life on earth

UNIT–III

Rights to Clean Environment and Sustainable Development; Sustainable Development Goal (SDG) 16, Right to Environment v/s Right to Development; and Culprits and Victims.

UNIT–IV

International Initiatives for Environmental Protection, National Initiatives for Environmental Protection, Globalisation of Environmental Protection

Recommended Books:

1. BiswasTapan, Human Rights, Gender and Environment, Viva Books New Delhi.

2. P.C. Sinha, India's Human Rights Regime: A Comprehensive Presentation Part I, Kanishka Publishers, New Delhi.

3. P.C. Sinha, India's Human rights Regime: A Comprehensive Presentation Part II, Kanishka Publishers, New Delhi.

4. Balasubramanium, V., "Environment and Human Rights: A New Form of Imperialism", Economic and Political Weekly, vol.33, no.8, 22-27 Feb. 1998,

5. RLEK, (1997), Community Forestry Management in Protected Areas: A Van Gujjar Proposal, Natraj Publishers, New Delhi.

6. Satish C. Shastri(ed), Human Rights, Development and Environmental Law: An Anthology, (2007), Jain Book Agency, Delhi.

7. UpendraBaxi (ed.), The Right to be Human, (1987), Lancer International, New Delhi.

8. Khanna, S.K., Children and the Human Rights, (1998), Commonwealth, New Delhi.
9. Pandit Kamalkar, Human Rights and Criminal Justice, (2010), Asia Law House, Hyderabad.

SCHEMEANDCURRICULUMOFEXAMINATIONSOFTHREEYEARDEGREEPROGRAMME

BACHELOROFARTS(PSYCHOLOGY)SEMESTER-III

Session–2025-26

SEMESTER-III								
Course Code	Course Type	Course Name	Hours/week	Credits	Marks			
				L-T-P	Total	Ext.		CA
						L	P	
BARM-3443	E	Psychology (Biological Basis of Behaviour)	3+2	3-0-1	100	50	20	30

E=Elective

Bachelor of Arts Semester-IIISession:2025-26

CourseCode:BARM-3443

Course Title:Psychology(BiologicalBasisofBehaviour)(Theory)

COURSEOUTCOMES

Afterpassingthiscourse thestudent willbeable to:

CO1:acquirebasicknowledgeaboutthestructure andfunction ofnervous system.

CO2: describe and understand the interaction of different parts of the nervous systemwithhighercognitive functions

CO3: explain the influence of neurological disturbances and illnesses on sensory, motor,cognitive and executivefunctions

CO4: Understand the basic nature and features of Normal Probability curve.

Bachelor of Arts Semester-IIISession:2025-26

CourseCode:BARM-3443

Course

Title:Psychology(BiologicalBasisofBehaviour)(Theory)

LTP: 3-0-1

Time:3hours   **Max. Marks: 100**

TheoryMarks:50

PracticalMarks:20

CA:30

InstructionsforthePaperSetters:

Eight questions of equal marks are to be set, two in each of the four Sections (A-D). Eachquestionwillcarry10marks.   QuestionsofSectionsA-Dshouldbesetfrom   UnitsI-IVofthesyllabusrespectively. Questionsmaybesubdividedinto parts(not exceedingfour).

Candidates are required to attempt five questions, selecting at least one question from eachsection. Thefifth question maybeattempted from anySection.

Note: The use of Non–Programmable calculators and Statistical Tables are allowed in theexamination.

Unit-I

Neurons: Structure and Functions

Synapses:Concept and Types of Synapse, Resting and Action Potentials

Unit-II

Nervous System (Central, Peripheral and Autonomic)

Unit-III

Structure and Functions of Visual, Auditory, Olfactory, Gustatory and Somato-Sensory Systems

Unit-IV

Normal Probability Curve, Concept, Nature and Characteristics (Numericals of Areas under NPC only)

References:

1. Carlson,N.R.(2007).FoundationsofPhysiologicalPsychology.NewDelhi:PearsonEducation.

2. Leukal,F. L.(1968).Introductiontophysiologicalpsychology,Japan:ToppanCompanyLtd.

3. Pinel,J.P.J.(2007).Biopsychology.NewDelhi:PearsonEducation.

4. Thompson, R. (1967). Foundations of Physiological Psychology. New York: Harper & RowPublishers.

Bachelor of Arts (Psychology) Semester-IIISession:2025-26

CourseCode:BARM-3443

CourseTitle:Psychology(Practical)
(Practical)

LTP: 3-0-1
Time:3hours   **Marks:20**

InstructionsforthePracticalExamination:

Students are supposed to perform five practicals out of 6 mentioned in the syllabus. Practicalexaminationwillbeof3hoursduration.Examinerwillconductthepracticalexamination.Thestudents will perform one practical in the exam carrying 20 marks. Evaluation of the practicalwould bedoneon the basis of:
        1. write–upoffilebook(5Marks),
        2. Performanceandviva–voce(15Marks)relatingtothepracticals.
In case students have not completed 5 practicals, the examiner will deduct marks at the rate of5 for each left practical out of total evaluation of the student. No reappear will be allowed inthepracticalexamination.Failinthepracticalwillbe consideredfailoverallinthesubject.

FivePracticalshaveto beperformedoutofthefollowing:

      1. PositiveTransferinSensoryMotor Learning

      2. NegativeTransfer inSensoryMotor Learning

      3. ComparativeStudyof SensoryandMuscular ReactionTime

      4. Effectof Fatigueon MentalWork

      5. ComparativeStudyofRLforthe Two Partsof theBody

      6. Any Practical related with Biological aspects of Behaviour

BACHELOR OF ARTS
(PSYCHOLOGY)SEMESTER-IV

Session–2025-26

Course Code	Course Type	Course Name	Hours/week	Credits	Marks			
				L-T-P	Total	Ext. L	Ext. P	CA
BARM-4443	E	Psychology (Experimental Psychology)	3+2	3-0-1	100	50	20	30

E=Elective

Bachelor of Arts Semester-
IVSession:2025-26

CourseCode:BARM-4443

CourseTitle:Psychology(ExperimentalPsychology)
(Theory)

COURSEOUTCOMES:

Afterpassingthiscoursethestudent will beable to:

CO1: Introductionofthe conceptofpsychophysicsanditsvariouspsychophysicalmethods.

CO2:In-depth knowledge about of the phenomenon of learning in the field of psychologyand its associated types. The practical application of reinforcement schedules in day to daylife.

CO3: Understanding and analysis of various higher mental abilities like mnemonics, thinkingandproblem solving, reasoningandconcept formation.

CO4:Insightintotheelementaryconceptofcorrelationanditsapplicability

Bachelor of Arts Semester-IVSession:2025-26

CourseCode:BARM-4443

CourseTitle:Psychology(ExperimentalPsychology)
(Theory)

LTP: 3-0-1

Time:3hours **Max. Marks:100**

TheoryMarks:50

PracticalMarks:20

CA:30

InstructionsforthePaperSetters:

Eight questions of twelve marks each are to be set, two in each of the four Sections (A-D).Each question will carry 10 marks. Questions of Sections A-D should be set from Units I-IVofthesyllabusrespectively.Questionsmaybesubdividedinto parts(not exceedingfour).

Candidates are required to attempt five questions, selecting at least one question from eachsection. Thefifth question maybeattempted from anySection.

Note: The use of Non–Programmable calculators and Statistical Tables are allowed in theexamination.

Unit-I

Sensation, Perception and Attention:
Sensation: Nature, Theories of Colour Vision (Young-Helmholtz, Opponent-Process &Evolutionary), Theories of Hearing, Cutaneous, Olfactory and Gustatory Sensations.**Perception:**Concept,Natureandfactorsaffectingperception,Approaches toPerception(Gestalt
andBehaviouristic),PerceptionofForm,Shape,DepthandDistance,PerceptualConstancy.
Attention: Concept and Nature of Attention, Characteristics of Attention

Unit-II

Memory and Forgetting:

Memory: Conceptand Nature**,**Encoding,Storage,Retrieval,TypesofMemory.
Mnemonics: AnIntroductiontotheconceptofMnemonics,Constructivememory,
Implicit memory&Eyewitness memory.Methods of Retention
Forgetting: Concept and Nature, Factors affecting Forgetting, Theories of Forgetting(Decay, InterferenceandRetrievalfailure).

Unit-III

Thinking,Problem Solving and Concept Formation:

Thinking and Problem Solving: Nature and Types of Thinking. Nature of Problem Solving,Stagesof Problem Solving,Factors, Roleof Set in Problem Solving, Factors affecting Problem Solving.
ConceptFormation:Nature,Types and Processes

Unit-IV

Correlation: Concept,TypesofCorrelation,NatureandCharacteristics,RankOrderandProduct Moment Methods, Biserial & Point biserial correlation methods (Numerical for Individual data), t-test: Significance ofDifferencesbetween means (correlated and uncorrelated)

References:

1. Aron(2007).*StatisticsforPsychology*.PearsonEducation,NewDelhi.

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4. Chaplin, J.R. &Kraiwic, T.S. (1985). *Systems and Theories of Psychology.* Holt, RinehartandWinston,Inc., NewYork.

5. Coon,D.L.,&Mitterer,J.O.(2007).*IntroductiontoPsychology;GatewaystoMindandBehaviour*.Thomson Wadrwoth.

6. Crooks,R.L.&Strin,J.(1988).*Psychology;Sciences:BehaviourandLife*.HoltRinehartandWinston,Inc., NewYork.

7. Hall,S.S.&Lindzey(1969). *TheoriesofPersonality*.WileyEasternLtd.NewDelhi.

8. Morgan,G.T.,King,P.A.,Weisz,T.R.&Schopler,J.(1999).*IntroductiontoPsychology*.McgrawHillBook Co., New York.

9. Pinel,J.P.J.(2007).*Biopsychology*.PearsonEducation,NewDelhi.

10. Shashi,J.(2001).IntroductiontoPsychology.KalyaniPublishers,NewDelhi
Solso,R.L.(2007).*CognitivePsychology*.PearsonEducation,New Delh

Bachelor of Arts (Psychology)
Semester-IVSession:2025-26

Course Code:BARM-4443

CourseTitle:Psychology(Practical)
(Practical)

LTP: 3-0-1

Time:3hours **Marks:20**

InstructionsforthePracticalExamination:

Students are supposed to perform five practicals out of 6 mentioned in the syllabus. Practicalexaminationwillbeof3hoursduration.Examinerwillconductthepracticalexamination.The students will perform one practical in the exam carrying 20 marks. Evaluation of the practicalwould bedoneon the basis of:
      1. write–upoffilebook(5Marks),
      2. Performance and viva–voce(15Marks)relatingtothepracticals.
In casestudents havenotcompleted5practicals,theexaminerwilldeductmarksattherateof 5 for each left practical out of total evaluation of the student. No reappear will be allowed in the practical examination. Fail in the practical willbe considered fail over all in the subject.

PRACTICAL

Five Practicals have to be performed out of thefollowing:

1. Perception

2. Span of Attention/DivisionofAttention

3. Immediate Memory Span

4. Problem-Solving

5. Conceptformation.

6. Retroactive Inhibition/ Method of Recall and Recognition

SCHEMEAND CURRICULUM OF EXAMINATIONS OF FOUR YEAR DEGREE PROGRAMMECredit

Based Continuous Evaluation Grading System(CBCEGS)

BACHELOR OF ARTS / BACHELOR OF SCIENCE (MEDICAL) / BACHELOR OF SCIENCE (NON MEDICAL) / BACHELOR OF SCIENCE (COMPUTER SCIENCE) / BACHELOR OF SCIENCE (ECONOMICS) / BACHELOR OF COMMERCE / BACHELOR OF BUSINESS ADMINISTRATION

SEMESTER–III-IV
Session 2025-26

SEMESTER–III									
Course Code	Course Title	Hours/Week	Credits L-T-P	Course Type	**Marks**				Examination time (in Hours)
					Total	Ext.		CA	
						L	P		
BARL-3031 BSML-3031 BSNL-3031 BCSL-3031 BECL-3031 BCRL-3031 BBRL-3031	Basic Punjabi	4	4-0-0	C	100	70	-	30	3

BACHELOR OF ARTS / BACHELOR OF SCIENCE (MEDICAL) / BACHELOR OF SCIENCE (NON MEDICAL) / BACHELOR OF SCIENCE (COMPUTER SCIENCE) / BACHELOR OF SCIENCE (ECONOMICS) / BACHELOR OF COMMERCE / BACHELOR OF BUSINESS ADMINISTRATION

SEMESTER–III

Basic Punjabi (In lieu of Punjabi Compulsory)

COURSE CODE- BARL/BSML/BSNL/BCSL /BECL/BCRL /BBRL-3031

Course outcomes

CO1:;zy/g ouBk eoB Bkb ftfdnkoEh nkgDh rZb B{z ;zy/g ftu efjD dh iku f;ZyDr/ ns/ fJj fdwkrh e;os ftu ;jkJh j't/rh.;ob nzro/Ih g?oQ/ dk gzikph nB[tkd d/D dk wB'oE ftfdnkoEhnK dh p[ZXh B{z shyD eofdnK T[BK dh fbyD gqfsGk B{z T[ikro eoBk j?.

CO2: eftsk Gkr Bz{ gVQkT[D dk wB'oE ftfdnkoEhnK nzdo eftsk gqsh fdbu;gh, ;{M Bz{ g?dk eoBk j? sK fe T[j nkX[fBe d"o ftu uZb ojhnK ekftXkoktK ns/ ethnK pko/ frnkB jkf;b eo ;eD.

CO3:ejkDh Gkr Bz{ gVQkT[D dk wB'oE ftfdnkoEhnK nzdo ejkDh gqsh fdbu;gh, ;{M Bz{ g?dk eoBk j? sK fe T[j nkX[fBe d"o ftu uZb ojhnK ekftXkoktK ns/ ethnK pko/ frnkB jkf;b eo ;eD.

CO4:fBpzX Bz{ gVQkT[D dk wB'oE ftfdnkoEhnK nzdo gVQD dh o[uh Bz{ g?dk eoBk j? ns/ w[ZbtkB fJfsjk; s'A ikD{ eotkT[Dk j?.

Session 2025-26

BACHELOR OF ARTS / BACHELOR OF SCIENCE (MEDICAL) / BACHELOR OF SCIENCE (NON MEDICAL) / BACHELOR OF SCIENCE (COMPUTER SCIENCE) / BACHELOR OF SCIENCE (ECONOMICS) / BACHELOR OF COMMERCE / BACHELOR OF BUSINESS ADMINISTRATION SEMESTER–III

Basic Punjabi (In lieu of Punjabi Compulsory)

COURSE CODE- BARL/BSML/BSNL/BCSL /BECL/BCRL /BBRL-3031

;wK L 3 xzN/   Maximum Marks: 100

    L-T-P   **Theory   : 70**
4-0-0   **CA   : 30**

nze tzv ns/ gohfyne bJh jdkfJsK

1H   gqPB gZso d/ uko (A-D) ;?ePB j'Dr/.;?ePB A-D sZe d/ gqPB eqwtko :{fBN I-IV ftu'A g[ZS/ ikDr/. jo :{fBN ftu'A d' gqPB g[ZS/ ikDr/.

2H   ftfdnkoEh B/ eZ[b gzi gqPB eoB/ jB.jo ;?ePB ftu'A fJe gqPB eoBk bkIwh j?.gzitK gqPB fe;/ th ;?ePB ftu'A ehsk ik ;edk j?.

3H   jo/e gqPB d/ 14 nze jB.

4H   g/go ;?ZN eoB tkbk i/eo ukj/ sK gqPBK dh tzv nZr'A tZX s'A tZX uko T[g gqPBK ftu eo ;edk j?.

                          gkmeqw
                          :{fBN-I

g?oQk gVQ e/ gqPBK d/ T[so

;ob nzro/Ih g?oQ/ dk gzikph nB[tkd

                          :{fBN-II

eftsktK

(T) ;wK (GkJh tho f;zx)

(n) \?o gzikph dh (|ho'IdhB Po|)

                          1/2

(J) nzph dk p{Nk (gq'Hw'jB f;zx)

(;) fpoj'A dh oVe (fPt e[wko)

(gq;zr ;fjs ftnkfynk,;ko)

:{fBN-**III**

ejkDhnK

(T) G{nk (BkBe f;zx)

(n) d[ZX dk SZgV (e[btzs f;zx ftoe)

(J) ;KMh ezX(;zs'y f;zx Xho)

(;) T[j ;'udh (dbhg e"o fNtkDk)

(ftPk t;s{,;ko)

:{fBN-**IV**

fBpzX

(T) xo dk fgnko (s/ik f;zx)

(n) \[Pkwdh Bkb (jfozdo f;zx o{g)

(J) nkU, rZbK eohJ/ (Bfozdo f;zx eg{o)

(;) wB[Zy e[dos dh B/e n"bkd BjhA(;[fozdo wzv)

 (ftPk t;s{,;ko)

Course Code	Course Title	Hours/Week	Credits L-T-P	Course Type	Marks				Examination time (in Hours)
					Total	Ext.		CA	
						L	P		
BARL-4031 BSML-4031 BSNL-4031 BCSL-4031 BECL-4031 BCRL-4031 BBRL-4031	Basic Punjabi	4	4-0-0	C	100	70	-	30	3

BACHELOR OF ARTS / BACHELOR OF SCIENCE (MEDICAL) / BACHELOR OF SCIENCE (NON MEDICAL) / BACHELOR OF SCIENCE (COMPUTER SCIENCE) / BACHELOR OF SCIENCE (ECONOMICS) / BACHELOR OF COMMERCE / BACHELOR OF BUSINESS ADMINISTRATION SEMESTER–IV

Basic Punjabi (In lieu of Punjabi Compulsory)

COURSE CODE- BARL/BSML/BSNL/BCSL /BECL/BCRL /BBRL-4031

Course outcomes

CO1:ਮੁੱਢਲੀ ਪੰਜਾਬੀ ਦੇ ਵਿਦਿਆਰਥੀ 'nksw nBksw' (eftsk Gkr) d/ ਨਾਮਵਰ ਕਵੀਆਂ w'jB f;zx,irsko,;[oihs gkso,gkP ਦੀਆਂ ਰਚਨਾਵਾਂ dh gq;zr ;fjs ftnkfynk ਤੋਂ ਜਾਣੂ ਹੋਣਗੇ।

CO2:ਮੁੱਢਲੀ ਪੰਜਾਬੀ ਦੇ ਵਿਦਿਆਰਥੀ 'nksw nBksw' (eftsk Gkr) d/ ਵੱਖੋ ਵੱਖਰੀਆਂ ਧਾਰਾਵਾਂ ਨਾਲ ਸਬੰਧਤ w'jB f;zx,irsko,;[oihs gkso,gkP ਦੀਆਂ ਰਚਨਾਵਾਂ d/ ;ko ਤੋਂ ਜਾਣੂ ਹੋਣਗੇ।

CO3: ਮੁੱਢਲੀ ਪੰਜਾਬੀ ਦੇ ਵਿਦਿਆਰਥੀ 'nksw nBksw' (eftsk Gkr) d/ ਵੱਖੋ ਵੱਖਰੀਆਂ ਧਾਰਾਵਾਂ ਨਾਲ ਸਬੰਧਤ w'jB f;zx,irsko,;[oihs gkso,gkP ethnK d/ ihtB ns/ ouBk ਤੋਂ ਜਾਣੂ ਹੋਣਗੇ।

CO4: b/y ouBk dk wB'oE ftfdnkoEhnK dh p[ZXh B{z shyD eofdnK T[BK dh fbyD gqfsGk B{z T[ikro eoBk j?.Ppd i'VK d/ fB:w B{z f;b/p; ftu Pkfwb eoB dk we;d ftfdnkoEhnK d[nkok fb\s ftu ehshnK ikD tkbhnK rbshnK B{z ;[XkoBk j?.

BACHELOR OF ARTS / BACHELOR OF SCIENCE (MEDICAL) / BACHELOR OF SCIENCE (NON MEDICAL) / BACHELOR OF SCIENCE (COMPUTER SCIENCE) / BACHELOR OF SCIENCE (ECONOMICS) / BACHELOR OF COMMERCE / BACHELOR OF BUSINESS ADMINISTRATION

<div align="center">

SEMESTER–IV

Basic Punjabi

(In lieu of Punjabi Compulsory)

COURSE CODE- BARL/BSML/BSNL/BCSL /BECL/BCRL /BBRL-4031

</div>

;wK L 3 xzN/   Maximum Marks: **100**

    L-T-P   Theory   :70
4-0-0   CA   :30

nze tzv ns/ gohfyne bJh jdkfJsK

1H   gqPB gZso d/ uko (A-D) ;?ePB j'Dr/.;?ePB **A-D** sZe d/ gqPB eqwtko :{fBN **I-IV** ftu'A g[ZS/ ikDr/. jo :{fBN ftu'A d' gqPB g[ZS/ ikDr/.

2H   ftfdnkoEh B/ eZ[b gzi gqPB eoB/ jB.jo ;?ePB ftu'A fJe gqPB eoBk bkIwh j?.gzitK gqPB fe;/ th ;?ePB ftu'A ehsk ik ;edk j?.

3H   jo/e gqPB d/ 14 nze jB.

4H   g/go ;?ZN eoB tkbk i/eo ukj/ sK gqPBK dh tzv nZr'A tZX s'A tZX uko T[g gqPBK ftu eo ;edk j?.

<div align="center">

gkmeqw

:{fBN-I

</div>

nksw nBksw (eftsk Gkr) (;zgkde vkH ;[fjzdo pho ns/ vkHtfonkw f;zx ;zX{)

r[o{ BkBe d/t :{Bhtof;Nh, nzfwqs;o.

gq;zr ;fjs ftnkfynk

<div align="center">

:{fBN-II

</div>

nksw nBksw (eftsk Gkr)(;zgkde vkH ;[fjzdo pho ns/ vkHtfonkw f;zx ;zX{)

r[o{ BkBe d/t :{Bhtof;Nh, nzfwqs;o.

(;ko/ftPk t;s{)

nksw nBksw (eftsk Gkr)(;zgkde vkH ;[fjzdo pho ns/ vkHtfonkw f;zx ;zX{)

r[o{ BkBe d/t :{Bhtof;Nh, nzfwqs;o.

(ethnK d/ ihtB ns/ ouBkpko/ wZ[Ybh ikDekoh)

b/y ouBk

nP[ZX Ppd i'VK B{z P[ZX eoe/ fbyDk

Credit Based Continuous Evaluation Grading System(CBCEGS)

Bachelor of Arts
SEMESTER III & IV
Session 2025-26

						Marks			
Bachelor of Arts **SEMESTER III**									
Course Code	Course Title	Hours/ Week	Credits L-T-P	Course Type	Total	Ext. L	Ext. P	CA	Examination time (in Hours)
BARL-3208	Punjabi (Elective)	6	4-1-0	E	100	70	-	30	3

Bachelor of Arts
SEMESTER–III
PUNJABI (ELECTIVE)

COURSE CODE- BARL-3208

COURSE OUTCOMES

CO1:'fPo'wDh gzikph ekft' (1701-1900) g[;se Bz{ gVQkT[D dk wB'oE ftfdnkoEhnK nzdo eftsk gqsh fdbu;gh, ;{M Bz{ g?dk eoBk j? sK fe T[j wZXekbhB d"o ftu uZb ojhnK ekft-XkoktK ns/ ethnK pko/ frnkB jk;b eo ;eD.fJ; dk j'o wB'oE eftsk dh ftnkfynk, ftPb/PD s/ w[bzeD dh gqfefonk s'A ikD{ eokT[Dk th j? sK fe T[j ;wekbh ;wki dhnK ;wZf;nktK Bz{ ;wM ;eD ns/ nkb'uBkswe fdqPNh pDk ;eD.

CO2:'gzikph ejkDh dI Swhrwh'(;zgkHvkHrimMdr kOr) g[;se Bz{ f;b/p; ftu Pkfwb eo e/ ftfdnkoEhnK nzdo rbg Bz{ gVQD dh o[uh Bz{ g?dk eoBk j? ns/ ejkDh irs Bkb i'VDk j?.

CO3:;kfjs nkb'uBk d/ f;XKse gZy s'A ftfdnkoEhnK B{z pkoheh Bkb ikD{ eotkT[Dk j? skA fe T[j nkb'uBk eoB d/ ;woZE j' ;eD .

CO4:;kfjs o{gK Bz{ f;b/p; ftZu Pkwb eoB dk we'd ftfdnkoEhnK Bz{ fJBQK ;kfjs o{gK dh gfoGkPk,gqfeosh ns/ sZsK s'A pkoheh Bkb ikD{ eotkT[Dk j?.

Bachelor of Arts
SEMESTER–III
PUNJABI (ELECTIVE)
COURSE CODE- BARL-3208

;wK fszB xzN/
Maximum Marks: 100

L-T-P	Theory	: 70
4-1-0	CA	: 30

nze tzv ns/ gohfyne bJh jdkfJsK

1H   gqPB gZso d/ uko ;?ePB (A-D) j'Dr/.;?ePBA-D sZe d/ gqPB eqwtko :{fBN I-IV ftu'A g[ZS/ ikDr/. jo :{fBN ftu'A d' gqPB g[ZS/ ikDr/.

2H   ftfdnkoEh B/ eZ[b gzi gqPB eoB/ jB. jo ;?ePB ftu'A fJe gqPB eoBk bkIwh j?. gzitK gqPB fe;/ th ;?ePB ftu'A ehsk ik ;edk j?.

3H   jo/e gqPB d/ 14 nze jB.

4H   g/go ;?ZN eoB tkbk i/eo ukj/ sK gqPBK dh tzv nZr'A tZX s'A tZX uko T[g gqPBK ftu eo ;edk j?.

<center>gkmeqw ns/ gkm g[;seK</center>

<center>:{fBN- I</center>

fFPo'wDh gzikph ekft (Gkr I)

(BkEpkDh, Grs pkDh ns/ r[opkDh)

(;zgkHvkHwBfizdo f;zx)

(gq;zr ;fjs ftnkfynk/ftPk-t;s{$;ko)

<center>:{fBN- II</center>

gzikph ejkDh dI Swhrwh (;zgkHvkHrimMdr kOr),rvI swihq pRkwSn,nzfwqs;o

(ftPk-t;s{$;ko$gkso fusoB)

<center>:{fBN- III</center>

;kfjs nkb'uBk Bkb ;zpzfXs w{b ;zebg L fpzp, gqshe, p[Dsh s/ p[Dso, eEk s/ eEkBe,gkso T[;koh, o{g s/ t;s{, nB[eoD, fto/uB

<center>:{fBN- IV</center>

;kfjs d/ o{g L tko, izrBkwk, feZ;k, ek|h L gfoGkPk, gqfeosh ns/ sZs

Course Code	Course Title	Hours/ Week	Credits L-T-P	Course Type	Total	Ext. L	Ext. P	CA	Examination time (in Hours)
BARL-4208	Punjabi (Elective)	6	4-1-0	E	100	70	-	30	3

Session 2025-26

Bachelor of Arts
SEMESTER–IV
PUNJABI (ELECTIVE)
COURSE CODE- BARL-4208

COURSE OUTCOMES

CO1: gzikph ;kfjs dk fJfsjk;,,kfjse o{gK dk fJfsjk; (fBek; s/ ftek;) gqftoshnK Bz{ gVQkT[D dk wB'oE ftfdnkoEhnK nzdo ;kfjs dh ;{M Bz{ g?dk eoBk j? sK fe T[j frnkB jk;b eo ;eD.fJ;d/ Bkb T[BQK ftu ;kfjs B{z gVQD dh u/Ne g?dk eoBh j?.

CO2: 'rZd gqtkj'g[;se gVQkT[D dk we;d ftfdnkoEhnK B{z tkose s'A ikD{ eotkT[Afd;K T[BQK nzdo nkb'uBkswe fdqPNh dk ftek; eoBk j?.

CO3: ftPokw fuzBQ ns/ Ppd i'VK dh ;[XkJh B{z f;b/p; ftu Pkfwb eoB dk we;d ftfdnkoEhnK d[nkok fb\s ftu ehshnK ikD tkbhnK rbshnK B{z ;[XkoBk j?.

CO4: gzikph GkPk ns/ r[ow[yh fbZgh Bkb i'V e/ ftfdnkoEhnK nzdo gzikph GkPk dh nwhoh dk ns/ fJ; dhnK pkohehnK Bz{ ;wMD bJh tZyo/ tZyo/ f;XKsK Bz{ ;wMkT[Dk j?.

BACHELOR OF ARTS
SEMESTER–IV
PUNJABI (ELECTIVE)
COURSE CODE- BARL-4208

;wK fszB xzN/
Maximum Marks: 100

L-T-P	Theory	:70
4-1-0	CA	:30

nze tzv ns/ gohfyne bJh jdkfJsK

1H   gqPB gZso d/ uko ;?ePB (A-D) j'Dr/. ;?ePB A-D sZe d/ gqPB eqwtko :{fBN I-IV ftu'A g[ZS/ ikDr/. jo :{fBN ftu'A d' gqPB g[ZS/ ikDr/.

2H   ftfdnkoEh B/ eZ[b gzi gqPB eoB/ jB.jo ;?ePB ftu'A fJe gqPB eoBk bkIwh j?.gzitK gqPB fe;/ th ;?ePB ftu'A ehsk ik ;edk j?.

3H   jo/e gqPB d/ 14 nze jB.

4H   g/go ;?ZN eoB tkbk i/eo ukj/ sK gqPBK dh tzv nZr'A tZX s'A tZX uko T[g gqPBK ftu eo ;edk j?.

gkmeqw ns/ gkm g[;seK

:{fBN- I

gzikph ;kfjs dk fJfsjk; (1701 s'A 1900)

(;zgkHvkHosB f;zx iZrh), gzikph :{Bhtof;Nh, gfNnkbk, 1992

(T) ;kfjse o{gK dk fJfsjk; (fBek; s/ ftek;)

(n) ;kfjse o{gK dhnK XkoktK s/ gqftoshnK

:{fBN- II

rZd gqtkj (o/yk fuZzso s/ jbe/ b/y) (;zgkHvkHfpeow f;zx x[zwD ns/ i;gkb f;zx), r[o{ BkBe d/t :{Bhtof;Nh, nzfwqs;o. (ftPk t;s{$;ko$;ko$tkose P?bh)

:{fBN- III

. fdZzs/ g?oQ/ ftu'A Ppd i'VK dh ;[XkJh

I. fdZzs/ g?oQ/ B{z ftPokw fuzBQK bkT[D/

:{fBN- IV

gzikph GkPk ns/ r[ow[yh fbZgh L w[ZYbh ikDekoh

(T) gzikph GkPk L fBek; ns/ ftek;

(n) r[ow[yh fbZgh L fBek; ns/ ftek;

Credit Based Continuous Evaluation Grading System(CBCEGS)

BACHELOR OF ARTS / BACHELOR OF SCIENCE (MEDICAL) / BACHELOR OF SCIENCE (NON MEDICAL) / BACHELOR OF SCIENCE (COMPUTER SCIENCE) / BACHELOR OF SCIENCE (ECONOMICS) / BACHELOR OF COMMERCE / BACHELOR OF BUSINESS ADMINISTRATION (Semester III-IV)

Session 2025-26

BACHELOR OF ARTS / BACHELOR OF SCIENCE (MEDICAL) / BACHELOR OF SCIENCE (NON MEDICAL) /

BACHELOR OF SCIENCE (COMPUTER SCIENCE) / BACHELOR OF SCIENCE (ECONOMICS) / BACHELOR OF COMMERCE / BACHELOR OF BUSINESS ADMINISTRATION (Semester III)

Course Code	Course Title	Hours/Week	Credits L-T-P	Course Type	Marks Total	Ext. L	Ext. P	CA	Examination time (in Hours)
BARL-3421 BSML-3421 BSNL-3421 BCSL-3421 BECL-3421 BCRL-3421 BBRL-3421	Punjabi (Compulsory)	4	4-0-0	C	100	70	-	30	3

Session 2025-26

BACHELOR OF ARTS / BACHELOR OF SCIENCE (MEDICAL) / BACHELOR OF SCIENCE (NON MEDICAL) / BACHELOR OF SCIENCE (COMPUTER SCIENCE) / BACHELOR OF SCIENCE (ECONOMICS) / BACHELOR OF COMMERCE / BACHELOR OF BUSINESS ADMINISTRATION

Semester III

PUNJABI (COMPULSORY)

COURSE CODE- BARL/BSML/BSNL/BCSL/BECL/BCRL /BBRL-3421

COURSE OUTCOMES

CO1: 'u'Dt/ gzikph fBpzX'Bz{ gVQkT[D dk wB'oE ftfdnkoEhnK nzdo ਵਾਰਤਕ gqsh fdbu;gh, ;{M Bz{ g?dk eoBk j?.

CO2: 'nkX[fBe fJeKrh' fJeKrh ;zrqfj Bz{ f;b/p; ftu Pkfwb eo e/ ftfdnkoEhnK nzdo fJeKrh gVQD dh o[uh Bz{ g?dk eoBk j? ns/ fJ; ;kfjs o{g Bkb i'VDk j?.

CO3: ;zy/g ouBk eoB Bkb ftfdnkoEh nkgDh rZb B{z ;zy/g ftu efjD dh iku f;ZyDr/ ns/ fJj fdwkrh e;os ftu ;jkJh j't/rh.fdZs/ g?oQ/ ftu'A nP[ZX Ppd i'VK B{z P[ZX eoB dk wB'oE ftfdnkoEhnK dh p[ZXh B{z shyD eofdnK T[BK dh fbyD gqfsGk B{z T[ikro eoBk j?.

CO4: w{b ftnkeoDe fJekJhnK L gfoGkPk ns/ tzBrhnK (GktzP, Ppd, tkezP, T[gtke ns/ tke)Bz{ gVQkT[D dk wB'oE ftfdnkoEhnK nzdo GkPk dh nwhoh ns/ pkohehnK Bz{ ;wMD bJh tZyo/ -tZyo/ f;XKsK dk ftek; eoBk j?.

Session 2025-26

BACHELOR OF ARTS / BACHELOR OF SCIENCE (MEDICAL) / BACHELOR OF SCIENCE (NON MEDICAL) / BACHELOR OF SCIENCE (COMPUTER SCIENCE) / BACHELOR OF SCIENCE (ECONOMICS) / BACHELOR OF COMMERCE / BACHELOR OF BUSINESS ADMINISTRATION Semester III

PUNJABI (COMPULSORY)

COURSE CODE- BARL/BSML/BSNL/BCSL/BECL/BCRL /BBRL-3421

;wK L 3 xzN/
                                                          Maximum Marks: 100
                    L-T-P   **Theory   :70**
                    4-0-0   **CA   :30**

nze tzv ns/ gohfyne bJh jdkfJsK

1H   gqPB gZso d/ uko (A-D) ;?ePB j'Dr/.;?ePB A-D sZe d/ gqPB eqwtko :{fBN I-IV ftu'A g[ZS/ ikDr/. jo :{fBN ftu'A d' gqPB g[ZS/ ikDr/.

2H   ftfdnkoEh B/ eZ[b gzi gqPB eoB/ jB.jo ;?ePB ftu'A fJe gqPB eoBk bkIwh j?.gzitK gqPB fe;/ th ;?ePB ftu'A ehsk ik ;edk j?.

3H   jo/e gqPB d/ 14 nze jB.

4H   g/go ;?ZN eoB tkbk i/eo ukj/ sK gqPBK dh tzv nZr'A tZX s'A tZX uko T[g gqPBK ftu eo ;edk j?.

                          gkmeqw ns/ gkm g[;seK

                              :{fBN-I

u'Dt/ gzikph fBpzX(i'frzdo f;zx g[nko,gowihs f;zx f;ZX{), gzikph :{Bhtof;Nh,gfNnkbk.

xo dk fgnko, T[wo bzwh j' ;edh j?,nZEo{, g[okDk gzikp, fJzrb?Av dk ;'rh ;'wtko,fyvkohnK d/ tfjw.

(gkmeqw dk fjZ;k jB)

(ftPk t;s{$;ko/ebk gZy)

                                   :{fBN-II

nkX[fBe fJeKrh

(;zgkHo"PB bkb nkj{ik, wBihs gkb e"o)

r[o{ BkBe d/t :{Bhtof;Nh, nzfwqs;o.

ftPk t;s{$gkso fusoB$ozrwzuh gZy/ ;ko

                                   :{fBN-III

(T) ;zy/g ouBk (gq?;h)

(n) fdZs/ g?oQ/ ftu'A nP[ZX Ppd i'VK B{z P[ZX eoBk

                                   :{fBN-IV

w{b ftnkeoDe fJekJhnK L gfoGkPk ns/ tzBrhnK (GktzP, Ppd, tkezP, T[gtke ns/ tke)

Course Code	Course			Course	Marks	Examination

BACHELOR OF ARTS / BACHELOR OF SCIENCE (MEDICAL) / BACHELOR OF SCIENCE (NON MEDICAL) / BACHELOR OF SCIENCE (COMPUTER SCIENCE) / BACHELOR OF SCIENCE (ECONOMICS) / BACHELOR OF COMMERCE / BACHELOR OF BUSINESS ADMINISTRATION (Semester IV)

	Title	Hours/Week	Credits L-T-P	Type	Total	Ext.		CA	time (in Hours)
						L	P		
BARL-4421 BSML-4421 BSNL-4421 BCSL-4421 BECL-4421 BCRL-4421 BBRL-4421	Punjabi (Compulsory)	4	4-0-0	C	100	70	-	30	3

Session 2025-26

BACHELOR OF ARTS / BACHELOR OF SCIENCE (MEDICAL) / BACHELOR OF SCIENCE (NON MEDICAL) / BACHELOR OF SCIENCE (COMPUTER SCIENCE) / BACHELOR OF SCIENCE (ECONOMICS) / BACHELOR OF COMMERCE / BACHELOR OF BUSINESS ADMINISTRATION (Semester IV)

Punjabi (Compulsory)

COURSE CODE- BARL/BSML/BSNL/BCSL/BECL/BCRL /BBRL-4421

 COURSE OUTCOMES

CO1:'rbhJ/ fueV[d{fo xo[' (;t? ihtBh) Bz{ gVQkT[D dk wB'oE ftfdnkoEhnK nzdo ਸਵੈ ਜੀਵਨੀ ;kfjs o{g gqsh fdbu;gh, ;{M Bz{ g?dk eoBk j?.

CO2: 'ਫ਼ਾਸਲੇ' (ਨਾਟਕ) Bz{ f;b/p; ftu Pkfwb eo e/ ftfdnkoEhnK nzdo ਨਾਟਕ Bz{ gVQD dh o[uh Bz{ g?dk eoBk j? ns/ ਨਾਟਕ irs Bkb i'VDk j?.

CO3: b/y ouBk ns/ n\pko ftu fJPfsjko fbyDk f;ykT[D dk wB'oE ftfdnkoEhnK B{z fJ; ebk ftu fBg[zB eoBk j?।

CO4: Ppd i'VK d/ fB:w B{z f;b/p; ftu Pkfwb eoB dk we;d ftfdnkoEhnK d[nkok fb\s ftu ehshnK ikD tkbhnK rbshnK B{z ;[XkoBk j?.r[ow[yh fbgh dhnK ftP/PsktK Bz{ gVQkT[D dk wB'oE ftfdnkoEhnK nzdo gzikph GkPk dh nwhoh dk ns/ pkohehnK B{z ;wMD bJh tZyo/ -tZyo/ f;XKsK dk ftek; eoBk j?.

Punjabi (Compulsory)

COURSE CODE- BARL/BSML/BSNL/BCSL/BECL/BCRL /BBRL-4421

;wK L 3 xzN/
Maximum Marks: 100
L-T-P   **Theory**   **: 70**
4-0-0   **CA**   **:30**

nze tzv ns/ gohfyne bJh jdkfJsK

1H   gqPB gZso d/ uko (A-D) ;?ePB j'Dr/.;?ePB A-D sZe d/ gqPB eqwtko :{fBN I-IV ftu'A g[ZS/ ikDr/. jo :{fBN ftu'A d' gqPB g[ZS/ ikDr/.

2H   ftfdnkoEh B/ eZ[b gzi gqPB eoB/ jB. jo ;?ePB ftu'A fJe gqPB eoBk bkIwh j?. gzitK gqPB fe;/ th ;?ePB ftu'A ehsk ik ;edk j?.

3H   jo/e gqPB d/ 14 nze jB.

4H   g/go ;?ZN eoB tkbk i/eo ukj/ sK gqPBK dh tzv nZr'A tZX s'A tZX uko T[g gqPBK ftu eo ;edk j?.

<div align="center">

gkmeqw ns/ gkm g[;seK

:{fBN-I

</div>

rbhJ/ fueV[d{fo xo[(;t? ihtBh)L ;H;HtDikok p/dh, e;{oh bkb n?v ;zBI, nzfwqs;o

(ਨਾਇਕ f ਬੰਬ/ਸਵੈ ਜੀਵਨੀ ਦੇ ਤੌਰ ਤੇ ਪ੦ਖ' /ਵਾਰਤਕ ਸ਼ੈਲੀ)

<div align="center">

:{fBN-II

</div>

ਫ਼ਾਸਲੇ (ਨਾਟਕ) :ifszdo pokV,

(ftPk t;s{$;ko/ਨਾਟਕ ਕਲਾ)

<div align="center">

:{fBN-III

</div>

(T) b/y ouBk (;wkie, ;fGnkukoe, fJfsjk;e ns/ ftfdne ;o'ekoK ;zpzXh)

(n) n\pko ftu fJPfsjko

<div align="center">

:{fBN-IV

</div>

ftnkeoD

(T) fdZs/ g?oQQ/ ftu'A nP[ZX Ppd i'VK B{z P[ZX eoBk

(n) r[ow[yh fbgh dhnK ftP/PsktK

SCHEME AND CURRICULUM OF EXAMINATIONS OF THREE YEAR DEGREE PROGRAMME

Under Credit Based Continuous Evaluation Grading System (CBCEGS)

BACHELOR OF ARTS(Honours)

Semester – III

Course Code	Course Title	Hours/week	Credits L-T-P	Course Type	Marks				Examination time (in Hours)
					Total	Ext.		CA	
						L	P		
BARL-3475	SOCIOLOGY (Society in India)	4	4-0-0	E	100	70	-	30	3

Bachelor of Arts (Honours) (2025-26)

SEMESTER III

BARL-3475: SOCIOLOGY (Society in India)

COURSE OUTCOMES

After completing the course, students will be able to:

CO 1: (a)Understand the various features of Indian Society including unity in diversity.

(b)Understand the meaning of caste and class and also discuss the difference between both.

CO2: (a)Understand the institution of marriage and family and how they play an important role in shaping individual's identity in the society.

(b)Identify the diverse meaning and structure of kinship relations.

CO 3: Describe the social structure and features of tribal, rural and urban society.

CO 4: To understand the meaning , patterns, causes and extents of social problems.

Bachelor of Arts (Honours) (2025-26)

SEMESTER-III

SOCIOLOGY (Society in India)

Course Code - BARL-3475

Examination Time:3HoursTotal Marks: 100

Credits: L-T-P: 4-0-0   **Theory: 70**

Contact Hours: 4Hours/Week   **C.A: 30**

Instructions for the Paper Setters:

The question paper will consist of four units (I-IV). Candidates are required to attempt five questions, selecting at least one question from each unit. The fifth question may be attempted from any unit. Each question will carry 14 marks.

Unit–I

(a) **Indian Society:** Features and Unity inDiversity.

(b) **Caste:** Features, Functions, Changing patterns, Difference between caste andclass.

Unit–II

(a)**Marriage:** Meaning, Types, Functions andChanges.

(b)**Family:** Meaning, Types, Functions andChanges.

(c)**Kinship:** Meaning andTerminology, Kinship in Northern and Southern India

Unit–III

(a) **Society in India**: Rural, Urban and Tribal

Unit–IV

(a) **Social Issues:** Casteism, Communalism, Regionalism

Recommended Books:

1. Abraham, M. Francis: *Contemporary Sociology,* Oxford University, New Delhi,2006.

2. Ahuja, Ram. 1999, *Society in India*. Jaipur:Rawat.

3. Atal, Yogesh. 2006, *Changing Indian Society*. Jaipur:Rawat.

4. Ghurye, G.S.: *Caste & Race in India,* Popular, Bombay, Punjabi

Translations by N.S. Sodhi, Panjabi University, Patiala,1962.

5. Hutton, J.H.: *Caste in India—Its Nature, Functions and Origin,* Oxford University Press, Delhi1980.

6.Jayaraman, Raja: *Caste & Class, Dynamics of Inequality in Indian Society,*

Hindustan Publishing Corporation,1981.

7. Kapadia, K.M.: *Marriage and Family in India,* Oxford University Press, Calcutta,1996.

8. Kapila, S: *A Textbook of Sociology,* Part-I & II, New Academic House, Jalandhar,1990-91.

9. Kothari, Rajni (ed): *Caste in Indian Politics,* Orient Longman, Delhi,1973.

10. Mandelbaum, David G*.: Society in India*, Popular Prakashan, Bomaby,1972.

11. Mukerji, D.P.: *Diversities: Essays in Economics, Sociology and Social Problems*, Manak, New Delhi,2002.

12. Maclver, R.M. & Page, Charles H.: *Society- An Introductory Analysis,* Macmillan, London, 1974. Macmillan, London, 1974.

13. Nagla B K : Indian Sociological Thought

Sharma,K.L.2007,*Indian Social Structure and Change*. Jaipur:

SCHEME AND CURRICULUM OF EXAMINATIONS OF THREE YEAR DEGREE PROGRAMME
BACHELOR OF ARTS(Honours)
SEMESTER IV
Session 2025-26

Course Code	Course Title	Hours/ week	Credits L-T-P	Course Type	Marks				Examination time (in Hours)
					Total	Ext.		CA	
						L	P		
BARL-4475	SOCIOLOGY (Social Change in India)	4	4-0-0	E	100	70	-	30	3

E-Elective

SEMESTER IV

BARL-4475: SOCIOLOGY (Social Change in India)

COURSE OUTCOMES

After completing the course, students will be able to:

CO 1: Develop an ability to understand the meaning, sources and impact of social change.

CO 2: Explain how technology, education, population, legislation, media, Urbanization can bring about social change.

CO 3: Understand the sociological theories ofsocial change.

CO 4: Analyse the social change in Modern India through the processes or Modernization, Sanskritization, Westernization.

Bachelor of Arts (Honours) (2025-26)
SEMESTER-IV

SOCIOLOGY (Social Change in India)

Course Code - BARL-4475

Examination Time:3HoursTotal Marks: 100

Credits: L-T-P: 4-0-0   **Theory: 70**

Contact Hours: 4Hours/Week   **C.A: 30**

Instructions for the Paper Setters:

The question paper will consist of four units (I-IV). Candidates are required to attempt five questions, selecting at least one question from each unit. The fifth question may be attempted from any unit. Each question will carry 14 marks.

UNIT I

Social Change: Meaning ,Characteristics and Forms of Social Change: Evolution, Progress andDevelopment & Revolution

UNIT II
Factors of Social Change: Demographic, Education, Technology,Media, Legislation, Industrialization and Urbanizaion.

UNIT–III
Theories of Change: Evolutionary, Conflict, Cyclical and Functional

UNIT IV

Processes of Change: Sanskritization, Westernization, Modernization and Secularization, Glocalization.

Books Recommended:

1. Ahuja, Ram: *Social Problems*, Rawat Publishers, New Delhi,1992.

2. Abraham, M. Francis: *Contemporary Sociology,* Oxford University, New Delhi,2006.

3. C.N. Shankar Rao: Sociology: Principles of Sociology with an Introduction to Social Thought, Nirja Publisher: New Delhi 2015.

4. Gill, S.S.: *The Pathology of Corruption,* Harper Collin Publishers, New Delhi,1998.

5. Kapila, S: *A Textbook of Sociology,* Part-I & II, New Academic House, Jalandhar,1990-91.

6. Kuppuswamy, B.: *Social Change in India,* Vikas, Delhi,1975.

7. Maclver, R.M. & Page, Charles H.: *Society, An Introductory Analysis,* Macmillan, London, 1974.

8. Srinivas, M.N.: Social Change in Modern India, Orient Longman, Bombay,1972.

9. Macionis, John.J and Ken Plumer. 2014, *Sociology: A Global Introduction*. London: Pearso

P. G. Department of Performing Arts

Programme: - Bachelor of Arts Music Vocal (Honors)

Music Vocal (Elective)

Credit Based Continuous Evaluation Grading System (CBCEGS)

Session: 2025-26

Semester-III									
Course Code	Course Name	Course Type	Hours per Week	Credits L-T-P	Marks				Examination Time (in Hours)
					Total	Th.	P	CA	
BARM-3366	Music (Vocal) Theory	DSC	2-0-0	2-0-0	100	35	35	30	3 Hours
BARM-3366	Music (Vocal) Practical	DSC	0-0-4	0-0-2					20 Min. for each student
		Total Credits		04					

DSC-Discipline Specific Course

P. G. Department of Performing Arts

Programme: - Bachelor of Arts Music Vocal (Honors)

Music Vocal (Elective)

Credit Based Continuous Evaluation Grading System (CBCEGS)

Session: 2025-26

Semester-IV									
Course Code	Course Name	Course Type	Hours per Week	Credits L-T-P	Marks				Examination Time (in Hours)
					Total	Th.	P	CA	
BARM-4366	Music (Vocal) Theory	DSC	2-0-0	2-0-0	100	35	35	30	3 Hours
BARM-4366	Music (Vocal) Practical	DSC	0-0-4	0-0-2					20 Min. for each student
			Total Credits	04					

DSC-Discipline Specific Course

Bachelor of Arts Semester-III

Session 2025-26

Course Title: Music (Vocal)

Course Code: BARM: 3366

(Theory & Practical)

Course Outcomes:

Upon successful completion of this course student will be able:

1. **To understand the historical development of Indian music from the 14th to 17th century, especially during the Akbar period, and to learn important musical terms such as Alap, BolAlap, BolBaant and Upaj.**
2. **To learn the method of tuning the Tanpura and study the contributions of eminent musicians like Pt. Vishnu Digambar Paluskar and Prof. Kartar Singh.**
3. **To gain theoretical and practical knowledge of ragas (Bhimpalasi, Des, Vrindavani Sarang) and taals (Chartaal, Sooltal) through detailed description and notation.**
4. **To explore the musical contributions of Guru Arjan Dev Ji and understand the structure and significance of Kirtan Chaunkis in the context of Gurmat Sangeet.**

Bachelor of Arts Semester-III

Session 2025-26

Course Title: Music (Vocal)

Course Code: BARM: 3366

(Theory)

Total Marks: 100   **Time: 3 Hours**

    Theory: 35

Pr: 35
CA: 30

L	T	P	Total Credits
2	0	2	4

Instructions for the Paper Setters:

Eight questions of equal marks are to be set, two in each of the four Sections (A-D). Questions of Sections (A-D) should be set from Units I-IV of the syllabus respectively. Questions may be subdivided in parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section. Each question will carry 07 Marks.

Unit - I

1. Historical Development of Indian Music during 14th to 17th century with special reference to Akbar Period.
2. Definition and explanation of the following Musical Terms: Alap, BolAlap, BolBaant, Upaj.

Unit- II

3. Method of tuning your instrument (Tanpura).
4. Contribution and Life Sketches of the following musicians: Pt. Vishnu Digamber Pluskar and Prof. Kartar Singh

Unit - III

5. Description and notation of the following Ragas: Bhimplasi, Des and Vrindavani Sarang.
6. Description and notation of the following Talas: Chartaal and Sooltal.

Unit - IV

7. Contribution of Sri Guru Arjan Dev Ji towards Music.
8. Salient features of Kirtan Chaunkis in special context of Gurmat Sangeet.

Bachelor of Arts Semester-III

Session 2025-26

Course Title: Music (Vocal)

Course Code: BARM: 3366

(Practical)

Total Marks: 35   **Time: 20 Minutes**

Instructions for the paper setter: Question paper is to be set on the spot jointly by the Internaland External Examiners. Two copies of the same should be submitted for the record to COE Office, Kanya Maha Vidyalaya, Jalandhar.

1. Ability to play five alankars on the Harmonium based on the KafiThata.
2. One Vilambit Khayal in any of the Ragas prescribed in the course with simple Alaps and Tanas.
3. One Drut Khayal in each of the following Ragas with simple Alaps and Tanas: Bhimplasi, Des and Vrindavani Sarang.
4. One Lakshan Geet in Prescribed Raga.
5. One Dhrupad with Dugan Laykari in any of the prescribed Ragas.
6. Ability to recite Ektal and Sooltal showing Khali Tali with hand motion in Ekgun, Dhugan Layakaries.
7. Brief Knowledge of following Ragas: Dhnashri, Sorath and Madhmaad Sarang.
8. Ability to play theka of Rupak Tala on tabla.
9. Ability to play Dhun of any Folk Song of Punjab on Harmonium /any instrument

BOOKS RECOMMENDED

1. Bharatiya Sangeet KaItihaas, Sharat Chandra Paranjpay.
2. Rag Parichya Part– I, II, and III by Shri Harish Chander Srivastava.
3. Sangeet Shastra Darpan Part– II (Punjabi) published by Punjabi University, Patiala.
4. Sangeet Vishard, Sangeet Karayalya, Hathras.
5. Sangeet Shastra Darpan, Shanti Govardhan.
6. Sangeet ke Mool Tatva part 2, Dr Narendra kaur, Kanishka Publishers, New Delhi.
7. Hamare Sangeet Rattan, Sangeet Karyalaya, Hathras.
8. Kramik Pustak Malika by Vishnu Narayan Bhathkhande.
9. Sangeet Nibandhavli, Dr. Gurnam Singh, published by Punjabi University, Patiala.
10. Gurmat Sangeet, Prabandh ate Pasaar, Dr. Gurnam Singh.
11. Gurmat Sangeet (Vishesh Ank) Amrit Kirtan Trust, 422, 15/A, Chandigarh

Music (Vocal)
Course Code: BARM-4366

(Theory)

Course Outcomes:

Upon successful completion of this course student will be able -

1. **To gain detailed understanding of Khayal styles of singing and familiarize with important musical forms such as Sargam Geet, Lakshan Geet, Saadra, and Raag-Malika.**
2. **To study the theoretical formation of 484 ragas by Pt. Vyankata Mukhi in** Chaturdandi Prakashika **and explore the contributions of musicians like S. Sohan Singh and Gurmit Bawa, along with the merits and flaws in vocal performance** (Gayakke Gun evam Dosh*).*
3. **To develop practical and theoretical knowledge of ragas (Malkauns, Bihaag, Bhairavi) and taals (Ada Chautal, Jhaptal) through description and notation.**
4. **To understand the musical contributions of Guru Gobind Singh Ji and acquire knowledge of folk singing styles used in Gurmat Sangeet tradition.**

Bachelor of Arts Semester-IV

Session 2025-26

Course Title: Music (Vocal)

Course Code: BARM: 4366

(Theory)

Total Marks: 100   **Time: 3 Hours**
    Theory: 35

Pr: 35
CA: 30

L	T	P	Total Credits
2	0	2	4

Instructions for the Paper Setters:

Eight questions of equal marks are to be set, two in each of the four Sections (A-D). Questions of Sections (A-D) should be set from Units I-IV of the syllabus respectively. Questions may be subdivided in parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section. Each question will carry 07 Marks.

Unit - I

1. Detailed knowledge of Khayal Styles of Singing.
2. Short notes on the following terms: a. Sargam Geet b. Lakshan Geet c. Saadra d. Raag-Malika

Unit - II

3. Formation of 484 Ragas from a Thata by Pt. Vyankata Mukhi in Chaturdandi Prakashika.
4. Contribution and Life Sketches of the following musicians: S. Sohan Singh and Gurmit Bawa.
5. Gayakke Gun evam dosh.

Unit - III

6. Description and notation of the following Ragas: Malkauns, Bihaag and Bhairavi.
7. Description and notation of the following Talas: Ada Chautal and Jhaptal.

Unit - IV

8. Contribution of Sri Guru Gobind Singh Ji towards Music.
9. Detailed knowledge of Folk singing styles used in Gurmat Sangeet

Bachelor of Arts Semester-IV (Session 2025-26)

Music (Vocal)
Course Code: BARM-4366

Practical

Total Marks: 35   **Time: 20 Minutes**

Instructions for the paper setter

Question paper is to be set on the spot jointly by the Internal and External Examiners. Two copies of the same should be submitted for the record to COE Office, Kanya Maha Vidyalaya,Jalandhar.

1. Ability to play five alankars on the Harmonium based on the Kafi Thata.
2. One Vilambit Khayal in any of the Ragas prescribed in the course with simple Alaps and Tanas.
3. One Drut Khayal in each of the following Ragas with simple Alaps and Tanas: Malkauns, Bihaag and Bhairavi.
4. One Trana in any Prescribed Raga with proper singing style.
5. Ability to sing National Anthem with Harmonium.
6. Ability to recite Jhap-Taal and Ada Chautal showing Khali Tali with hand motion in Ekgun, Dhugan Layakaries.
7. Brief Knowledge of Non Detailed Ragas: Chandrakauns and Marubihag and Bilas Khani Todi
8. Ability to play theka of Teen Taal on tabla.
9. One Cinematic song on Harmonium/any instrument.

BOOKS RECOMMENDED

1. Bharatiya Sangeet Ka Itihaas, Sharat Chandra Paranjpay.
2. Rag Parichya Part– I, II, and III by Shri Harish Chander Srivastava.
3. Sangeet Shastra Darpan Part– II (Punjabi) published by Punjabi University, Patiala.
4. Sangeet Vishard, Sangeet Karayalya, Hathras.
5. Sangeet Shastra Darpan, Shanti Govardhan.
6. Sangeet ke Mool Tatva part 2, Dr Narendra kaur, Kanishka Publishers, New Delhi.
7. Hamare Sangeet Rattan, Sangeet Karyalaya, Hathras.
8. Kramik Pustak Malika by Vishnu Narayan Bhathkhande.
9. Sangeet Nibandhavli, Dr. Gurnam Singh, published by Punjabi University, Patiala.
10. Gurmat Sangeet, Prabandh ate Pasaar, Dr. Gurnam Singh.
11. Gurmat Sangeet (Vishesh Ank) Amrit Kirtan Trust, 422, 15/A, Chandigarh

P. G. Department of Performing Arts

Programme: - Bachelor of Arts Indian Classical Dance (Kathak) (Honors)

Indian Classical Dance(Kathak) (Elective)

Credit Based Continuous Evaluation Grading System (CBCEGS)

Session: 2025-26

Semester-III									
Course Code	Course Name	Course Type	Hours per Week	Credits L-T-P	Marks				Examination Time (in Hours)
					Total	Th.	P	CA	
BARM-3156	Indian Classical Dance (Kathak) Theory	DSC	2-0-0	2-0-0	100	35	35	30	3 Hours
BARM-3156	Indian Classical Dance(Kathak) Practical	DSC	0-0-4	0-0-2					20 Min. for each student
		Total Credits		04					

DSC-Discipline Specific Course

SCHEME AND CURRICULLUM EXAMINATION OF FOUR YEAR DEGREE PROGRAMME

P. G. Department of Performing Arts

Programme: - Bachelor of Arts Indian Classical Dance (Kathak) (Honors)

Indian Classical Dance (Kathak) (Elective)

Credit Based Continuous Evaluation Grading System (CBCEGS)

Session: 2025-26

Semester-IV									
Course Code	Course Name	Course Type	Hours per Week	Credits L-T-P	Marks				Examination Time (in Hours)
					Total	Th.	P	CA	
BARM-4156	Indian Classical Dance (Kathak) Theory	DSC	2-0-0	2-0-0	100	35	35	30	3 Hours
BARM-4156	Indian Classical Dance(Kathak) Practical	DSC	0-0-4	0-0-2					20 Min. for each student
			Total Credits	**04**					

DSC-Discipline Specific Course

Bachelor of Arts Semester-III

Session 2025-26

Course Title: Indian Classical Dance (Kathak)

Course Code: BARM: 3156

(Theory & Practical)

Course Outcomes:

CO1. During the process of graduation course while taking up classical dance as elective subject , students are actually toned physically, mentally and artistically

CO2. Learning and practicing dance improves muscle tones, muscle strength, endurance andfitness.

CO3. It tones thighs, pelvis and arms, with peculiarities of body movements in art of dance.

CO4. Regular training and practice enables flexibility in body and help in various body movements

during performance.

Bachelor of Arts Semester-III

Session 2025-26

Course Title: Indian Classical Dance (Kathak)

Course Code: BARM: 3156

(Theory)

Total Marks: 100   **Time: 3 Hours**

Theory: 35

Pr: 35

CA: 30

L	T	P	Total Credit
2	0	2	4

Instructions for the Paper-Setter

The paper setter will set eight questions of equal marks. Two in each of the four Sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section. Each question will carry 07 Marks.

Unit – I

1. Study of Tandava and Lasya.
2. Study Of Nayak - Nayika Bhedas according to Abhinaya Darpan.
3. Study of the Kathakali Dance with its historical background, style costumes and music etc.

UNIT-II

4. Knowledge of Bhav in Kathak Dance.
5. Knowledge of the Folk Dance of Uttar Pradesh.
6. Biography and contribution of the following Dance Gurus in their respective field of specialization.
    i) Uday Shankar ii) Shambhu Maharaj
7. Essays on: i) Relation of Dance with other Fine Arts.
    i) Dancing: A Door to Devine.

UNIT-III

8. Notations of :

(i) Ektaal (Matra-12)

a. Tatkar in Thah, Dugun&ChougunLayakaries.
b. Thaat- 2
c. Tehai-1
d. Amad-1
e. Salami-1
f. Tora-2
g. Paran-1
h. ChakardarParan -1
i. Kavit-1

(ii) Sooltaal (Matra-10)

a. Tatkar in Thah, Dugun&ChougunLayakaries
b. Thaat- 2
c. Tehai-1
d. Amad-1
e. Salami-1
f. Tora-2
g. Paran-1
h. ChakardarParan -1
i. Kavit-1

(iii) Teentaal (Matra -16)

a. Tatkar in Thah, Dugun & Chougun Layakaries.
b. Thaat- 2
c. Tehai-1
d. Amad-1
e. Salami-1
f. Tora-2
g. Paran-1
h. ChakardarParan -1
i. Kavit-1

UNIT: IV

9. Description and Notation of the following Talas in Thah, Dugun, Tigun and Chaugun layakaries:

   (i)Ektaal (ii) Sooltaal (iii) Teentaal.

10. Notation of Nagma in: (i) Ektaal (ii) Sooltaal

Session 2025-26

Course Title: Indian Classical Dance (Kathak)

Course Code: BARM: 3156

(Practical)

Marks: 35   **Time: 40 Minutes**

Instructions for the paper setter:

Question paper is to be set on the spot jointly by the Internal and External Examiners. Two copies of the same should be submitted for the record to COE Office, Kanya Maha Vidyalaya, Jalandhar.

1. Ektaal (Matra-12)

a. Tatkar in Thah, Dugun & Chougun Layakaries.
b. Thaat- 2
c. Tehai-1
d. Amad-1
e. Salami-1
f. Tora-2
g. Paran-1
h. Chakardar Paran -1
i. Kavit-1

2. Sooltaal (Matra-10)

a. Tatkar in Thah, Dugun & Chougun Layakaries.
b. Thaat- 2
c. Tehai-1
d. Amad-1
e. Salami-1
f. Tora-2
g. Paran-1
h. Chakardar Paran -1
i. Kavit-1

3. Teentaal(Matra -16)

a. Tatkar in Thah, Dugun & Chougun Layakaries.

b. Thaat- 2

c. Tehai-1

d. Amad-1

e. Salami-1

f. Tora-2

g. Paran-1

h. Chakardar Paran -1

i. Kavit-1

4. Practical demonstration of Three Gat Nikas.

5. Padhant of all the Practical material on hand mentioned above.

6. Ability to demonstrate Theka of Ektaal, Teentaal and Sooltaal by hand in Ekgun, Dugun, and Chaugun layakaries.

7. Practical demonstration of Samyukta Hastas according to Abhinaya Darpan.

8. Ability to play Theka of Sooltaal on Tabla.

9. Ability to sing a Bhajan by accompanied Harmonium.

Books Recommended

Sr. No.	Name of the Book & Author
1.	Kathak Nritya Ka Prichey, Subashni Kapoor, Radha Publications, New Delhi, 1997.
2.	Kathak Soundaryatmak Shashtriya Nritya, Shikha Kharey, Knishka Publishers, New Delhi, 2006.
3.	Atihasik Pripeksh Mein Kathak Nritya, Maya Taak, Knishka Publishers, New Delhi, 2005.
4.	Nibandh Sangeet, Laxmi Narayan Garg, Sangeet Karyalaya, Hathras, 2004.
5.	Kathak Nritya Shiksha Part-1, Dr. Puru Dadhich, Bindu Prakashan, Ujjain (MP)
6.	Folk dance Of Northen India, Dr. Arohi Walia.

Bachelor of Arts Semester-IV

Session 2025-26

Course Title: Indian Classical Dance (Kathak)

Course Code: BARM: 4156

(Theory & Practical)

Course Outcomes:

CO1. During the process of graduation course while taking up classical dance as elective subject
, students are actually toned physically, mentally and artistically

CO2. Learning and practicing dance improves muscle tones, muscle strength, endurance and fitness.

CO3. It tones thighs, pelvis and arms, with peculiarities of body movements in art of dance.

CO4. Regular training and practice enables flexibility in body and help in various body movements

during performance.

Bachelor of Arts Semester-IV

Session 2025-26

Course Title: Indian Classical Dance (Kathak)

Course Code: BARM: 4156

(Theory)

Total Marks: 100   **Time: 3 Hours**

Theory: 35

Pr: 35

CA: 30

L	T	P	Total Credit
2	0	2	4

Instructions for the Paper-Setter

The paper setter will set eight questions of equal marks. Two in each of the four Sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section. Each question will carry 07 Marks.

Unit – I

1. Study of Nritt, Nritya and Natya.
2. Study of different Gharanas of Kathak with their characteristics.
3. Study of Odissi Dance with its historical background, style costumes and music etc.

UNIT-II

4. Study of Abhinaya Bhedas according to Abhinaya Dapan.
5. Knowledge of the Folk Dances of Himachal Pradesh.
6. Biography and Contribution of the following Kathak Gurus with their contributions in thefield of dance. (i) Birju Maharaj (ii) Sunder Prasad
7. Essay on the following topics: - (i) Dance and Religion. (ii) The Role of Dance in Indianfilms.

UNIT-III

8. Notation of:

(i) DhamarTaal (Matra-14)

1. Tatkar in Thah, Dugun & Chougun Layakaries.
a) Thaat- 2
b) Tehai-1
c) Amad-1
d) Salami-1
e) Tora-2
f) Paran-1
g) Chakkardar Paran -1
h) Kavit-1

(ii) BasantTaal (Matra-9)

a) Tatkar in Thah, Dugun & Chougun Layakaries.
b) Thaat- 2
c) Tehai-1
d) Amad-1
e) Salami-1
f) Tora-2
g) Paran – 1
h) Chakardar Paran-1
i) Kavit-1

(iii) Teentaal (Matra -16)

a) Tatkar in Thah, Dugun & Chougun Layakaries.
b) Thaat- 2
c) Tehai-1
d) Amad-1
e) Salami-1
f) Tora-2
g) Paran-1
h) Chakardar Paran -1
i) Kavit-1

UNIT: IV

9. Description and notation of the following Talas in Thah, Dugun, Tigun and Chaugunlayakaries:

   i) Dhamar Taal (ii) Basant Taal (iii) Teen Taal

10. Notation of Nagma in:

   i) Dhamar Taal (ii) Basant Taal (iii) Teen Taal

Bachelor of Arts Semester-IV

Session 2025-26

Course Title: Indian Classical Dance (Kathak)

Course Code: BARM: 4156

(Practical)

Marks: 35   **Time: 40 Minutes**

Instructions for the paper setter:

Question paper is to be set on the spot jointly by the Internal and External Examiners. Two copies of the same should be submitted for the record to COE Office, Kanya Maha Vidyalaya, Jalandhar.

Practical Demonstration of the following:

1. DhamarTaal (Matra-14)

    a) Tatkar in Thah, Dugun & Chougun Layakaries.
    b) Thaat- 2
    c) Tehai-1
    d) Amad-1
    e) Salami-1
    f) Tora-1
    g) Paran-1
    h) Chakardar Paran-1
    i) Kavit-1

2. BasantTaal (Matra-9)

    a) Tatkar in Thah, Dugun & Chougun Layakaries.
    b) Thaat- 2
    c) Tehai-1
    d) Amad-1
    e) Salami-1
    f) Tora-1
    g) Paran-1
    h) Chakardar Paran-1
    i) Kavit-1

3. Teentaal (Matra -16)

a) Tatkar in Thah, Dugun & Chougun Layakaries.
b) Thaat- 2
c) Tehai-1
d) Amad-1
e) Salami-1
f) Tora-2
g) Paran-1
h) Chakardar Paran -1
i) Kavit-1

4. Practical demonstration of Gat Bhava based on Holi Leela.
5. Padhant of all the Practical material mentioned Taals in above.

6. Ability to demonstrate Theka of Dhamar Taal, Basant Taal and
Teen Taal by hand inSingle, Dugun and Chaugun layakaries.
7. Practical demonstration of any semi classical dance based on Bollywood Song.
8. Ability to play the theka of Basant Taal on Tabla.
9. Ability to sing a Sufi composition with Harmonium.

Books Recommended

Sr. No.	Name of the Book & Author
1.	Kathak Nritya Ka Prichey - Subashni Kapoor - Radha Publications New Delhi 1997.
2.	Kathak Soundaryatmak Shashtriya Nritya- Shikha Kharey,-Knishka Publishers, New Delhi 2006.
3.	Atihasik Pripeksh Mein Kathak Nritya-Maya Taak-Knishka Publishers, New Delhi 2005.
4.	Nibandh Sangeet-Laxmi Narayan Garg-Sangeet Karyalaya, Hathras 2004.
5.	Kathak Nritya Shiksha Part-1-Dr. Puru Dadhich –Bindu Prakashan, Ujjain (MP).
6.	Folk dance Of Northern India-Dr. Arohi Walia.

SCHEME AND CURRICULUM OF EXAMINATIONS OF THREE YEAR DEGREE PROGRAMME

Bachelor of Arts / Bachelor of Science (Economics)

COMPUTER APPLICATIONS (VOCATIONAL)

Session 2025-26

Bachelor of Arts / Bachelor of Science (Economics) Semester-III											
Program Name	**Course Code**	**Course Title**	**Course Type**	**Hours per week**	**Credit**		**Marks**				**Examination Time (in Hours)**
				L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**		**CA**	
								L	**P**		
Bachelor of Arts Sem- III	BARM-3124	Computer Applications (Vocational)	E	3-0-2	3-0-1	4	100	40	30	30	3+3
Bachelor of Science (Economics)- Sem III	BECM-3124	(Operating System)	E								

Bachelor of Arts / Bachelor of Science(Economics) Semester III

Session 2025-26
COURSE CODE: BARM-3124
BECM-3124

COMPUTER APPLICATIONS (VOCATIONAL)
(OPERATING SYSTEM)

Course Outcomes:

After passing this course the student will be able to:

CO1: Describe, contrast and compare different types of Operating System.

CO2: Analyze CPU scheduling and memory management policies.

CO3: Comprehend about deadlock along with its prevention and detection.

CO4: Apply commands to perform various tasks in Linux operating system.

Bachelor of Arts / Bachelor of Science(Economics) Semester III

Session 2025-26
COURSE CODE: BARM-3124
BECM-3124

COMPUTER APPLICATIONS (VOCATIONAL)
(OPERATING SYSTEM)
(THEORY)

Examination Time: 3 +3 Hrs.   Max. Marks: 100

Theory: 40

L-T-P: 3-0-1   Practical:30

Credits: 4   CA: 30

Instructions for Paper Setter -

Eight questions of equal marks (08 marks each) are to be set, two in each of the four sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be divided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any section.

UNIT–I

Introduction to Operating System, Types of Operating systems: Multiuser, Multitasking and Multiprogramming, Functions of Operating System, Booting a System, Language Processors: Compiler, Assembler, Interpreter, Linker and Loader.

UNIT-II

CPU Scheduling:Basic concepts, Scheduling Algorithms,Evaluation:Turnaround Time, Waiting Time.

Memory Management: Logical address space and physical address space, schemes.

Introduction to File Management, I/O Device Management, Data Management.

UNIT-III

Deadlocks: System Model, Deadlock characterization, Methods for handing deadlocks, Deadlocks Prevention, Deadlock Avoidance, Deadlock Detection, Recovery from Deadlock, Approach to Deadlock handling.

UNIT–IV

Linux: Introduction, Features, Architecture of linux (Kernel, Shell)
Linux Commands:cat, cd, chmod, chown,cp, ls, mkdir, mv, rmdir, rm,mv, sort, ln,df, echo, exit, find, free, whoami, grep ,cal, who, pwd.
Introduction to Vi Editor, **commands:** opening, inserting,modifying,deleting and saving files.

References:

1. AviSilberschatz, Peter Baer Galvin, Greg Gagne, Operating System Concepts, Wiley, 2013.

2. Charles Crowley, Operating Systems: A Design-Oriented Approach, Tata McGraw Hill, 2001.

3. Deitel, An Introduction to Operating Systems, Second Edition, Addison Wesley, 1990.

4. William Stallings, Operating Systems: Internals and Design Principles, Pearson Education Limited, 2014.

5. Anshuman Sharma, Fundamentals of Operating System, Lakhanpal Publishers, 2nd Edition.

Note: The latest editions of the books should be followed.

Bachelor of Arts / Bachelor of Science(Economics) Semester III

Session 2025-26
COURSE CODE: BARM-3124
BECM-3124

COMPUTER APPLICATIONS (VOCATIONAL)
(OPERATING SYSTEM)
(PRACTICAL)

Examination Time: 3 +3 Hrs.   **Max. Marks: 100**

Theory: 40

L-T-P: 3-0-1   **Practical: 30**

Credits: 4   **CA: 30**

Practical based on Operating System.

Bachelor of Arts / Bachelor of Science(Economics) Semester-IV											
Program Name	Course Code	Course Title	Course Type	Hours per week	Credit		Marks				Examination Time (in Hours)
				L-T-P	L-T-P	Total	Total	Ext.		CA	
								L	P		
Bachelor of Arts Sem- IV	BARM-4124	Computer Applications (Vocational)	E	3-0-2	3-0-1	4	100	40	30	30	3+3
Bachelor of Science (Economics)-Sem IV	BECM-4124	(Relational Database Management Systems)	E								

Bachelor of Arts / Bachelor of Science(Economics) Semester IV

(Session 2025-26)
COURSE CODE: BARM-4124
BECM-4124

COMPUTER APPLICATIONS (VOCATIONAL)
(RELATIONAL DATA BASE MANAGEMENT SYSTEMS)

Course Outcomes:

After passing this course the student will be able to:

CO1: Illustrate the concept of data models, database normalization along with its various forms.
CO2: Apply SQL to design basic to intermediate level of databases.
CO3: Apply various built-in functions for formatting of data.
CO4: Comprehend the concept of PL/SQL and its relationship with SQL.

Bachelor of Arts / Bachelor of Science(Economics) Semester IV

(Session 2025-26)
COURSE CODE: BARM-4124
BECM-4124

COMPUTER APPLICATIONS (VOCATIONAL)
(RELATIONAL DATA BASE MANAGEMENT SYSTEMS)

(THEORY)

Examination Time: 3 +3 Hrs.	**Max. Marks: 100**
	Theory: 40
L-T-P: 3-0-1	**Practical:30**
Credits: 4	**CA: 30**

Instructions for Paper Setter -

Eight questions of equal marks (08 marks each) are to be set, two in each of the four sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be divided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any section.

UNIT–I

Basic Concepts: An overview of Database Management, (database, database system, why database). An architecture for a database system (levels of the architecture, mapping, data independence), DBA, Definition of CODD's Rules.

Normalization of Data: First, Second and Third Normal form, **Database Models:** Hierarchical, Network, Relational, Introduction to Relational database systems.

UNIT II

ORACLE: Introduction to Oracle, **Data Types:** Char, numbers, varchar, varchar2, date, long.

DDL Commands of SQL: Create Tables, Constraints, Alter Table, Drop Table, Rename.

Data Manipulation Language: Insert Into, Update Statement, Delete Statement, Select statement (Select distinct, Select from where, Select from where order by, Select group by clause, Select Group by having clause).

Transaction Control Language: Rollback, Savepoint, Commit.

UNIT III

Built in Functions- Aggregate Functions (Sum, Avg, max, min, count), Character Functions (Lower, Upper, Length, Substr, RPAD, LPAD), Arithmetic Functions (Round, Trunc, Sqrt, Mod, Abs, Sine) Date and Time Functions and Other Miscellaneous Functions (Add-months, Month-between, NVL, NVL2, decode) & Conversion Functions (to-char,to-number, to-date).

Join methods and Sub query, Union, Intersection, Minus, Views.

UNIT IV

PL/SQL: Introduction to PL/SQL, Relationship between SQL & PL/SQL, Advantages, block structure, Valuable and Constant declaration, Declaration using variable attributes - %type, %rowtype, control statements.

References:

1.   Silberschatz, Korth&Sudarshan, Database Systems Concepts, McGraw-Hill Inc.(2020), 7th edition.
2.   C.J. Date, An Introduction of Database System, Addison-Wesley Publishing co. (2003), 8th edition.
3.   Anshuman Sharma, Fundamentals of DBMS, Lakhanpal Publishers (2016), 4th edition.
4.   Ivan Bayross, SQL/PL/SQL. The Programming Language of Oracle, BPB Publications(2010), 4th edition.
5.   RamezElmasri and ShamkantNavathe, Fundamentals of Database Systems, Pearson Education (2015), 7th edition.
6.   P.S. Gill, Database Management Systems, Dreamtech Press (2019), 2th edition.

Bachelor of Arts / Bachelor of Science(Economics) Semester IV

(Session 2025-26)
COURSE CODE: BARM-4124
BECM-4124
COMPUTER APPLICATIONS (VOCATIONAL)
(RELATIONAL DATA BASE MANAGEMENT SYSTEMS)

(PRACTICAL)

Examination Time: 3 +3 Hrs.   **Max. Marks: 100**

Theory: 40

L-T-P: 3-0-1   **Practical:30**

Credits: 4   **CA: 30**

Practical on Relational Data Base Management System.

DSCs - FOUR YEAR DEGREE PROGRAMME

Bachelor of Arts (Honours) / Bachelor of Science (Computer Science) (Honours)/

Bachelor of Science (Economics) (Honours)

Session 2025-26

Bachelor of Arts (Honours) / Bachelor of Science (Computer Science) (Honours)/ Bachelor of Science (Economics) (Honours) Semester-III											
Program Name	Course Title	Course Code	Course Type	Hours per week	Credit		Marks				Examination Time (in Hours)
				L-T-P	L-T-P	Total	Total	Ext.		CA	
								L	P		
Bachelor of Arts Hons. Semester III / Bachelor of Science (Computer Science) Hons. Semester III/ Bachelor of Science (Economics) Hons. Semester III	Computer Science (Computer Oriented Numerical and Statistical Methods)	BARM-3134	DSC	3-0-2	3-0-1	4	100	40	30	30	3+3
		BCSM-3134	DSC								
		BECM-3134	DSC								

DSCs - FOUR YEAR DEGREE PROGRAMME

Bachelor of Arts (Honours) / Bachelor of Science (Computer Science) (Honours)/

Bachelor of Science (Economics) (Honours)

Session 2025-26

Bachelor of Arts (Honours) / Bachelor of Science (Computer Science) (Honours)/ Bachelor of Science (Economics) (Honours) Semester-IV										
Program Name	**Course Title**	**Course Code**	**Course Type**	**Hours per week**	**Credit**		**Marks**			**Examination Time (in Hours)**
				L-T-P	**L-T-P**	**Total**	**Total**	**Ext.**	**CA**	
								L	**P**	
Bachelor of Arts Hons. Semester IV / Bachelor of Science (Computer Science) Hons. Semester IV/ Bachelor of Science (Economics) Hons. Semester IV	Computer Science (Data Structures)	BARM-4134	DSC	3-0-2	3-0-1	4	100	40	30	30	3+3
		BCSM-4134	DSC								
		BECM-4134	DSC								

Bachelor of Arts (Honours) / Bachelor of Science (Computer Science) (Honours)/ Bachelor of Science (Economics) (Honours) Semester- III

Session 2025-26

Course Code: BARM-3134

BCSM-3134

BECM-3134

COMPUTER SCIENCE

(COMPUTER ORIENTED NUMERICAL AND STATISTICAL METHODS)

Course Outcomes:

After passing this course the student will be able to:

CO1: Solve non-linear and linear equations using different methods.

CO2: comprehend interpolation and numerical integration.

CO3: Calculate different means and deviations using statistical techniques.

CO4: Comprehend correlation, curve fitting and regression for finding solutions to various statistical problems.

Bachelor of Arts (Honours) / Bachelor of Science (Computer Science) (Honours)/ Bachelor of Science (Economics) (Honours) Semester- III

Session 2025-26

Course Code: BARM-3134

BCSM-3134

BECM-3134

COMPUTER SCIENCE

(COMPUTER ORIENTED NUMERICAL AND STATISTICAL METHODS)

(THEORY)

Examination Time: 3 Hrs.   **Max. Marks: 100**

Theory: 40

L-T-P: 3-0-1   **Practical: 30**

Credits: 4   **CA: 30**

Instructions for Paper Setter -

Eight questions of equal marks (8 marks each) are to be set, two in each of the four sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be divided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any section. The students can use Non–programmable/ scientific & Non–storage type calculator.

Unit –I

Introduction: Numerical methods, Numerical methods versus numerical analysis, Errors and Measures of Errors. Bisection method, false position method and Newton Raphson method.

Simultaneous Solution of Equations: Gauss Elimination Method, Gauss Jordan method

Unit -II

Interpolation: Interpolation and Curve Fitting, Newton's Methods: Forward Difference Method, Backward Difference Method and Divided Difference Method.

Numerical Integration: Trapezoidal Rule, Simpson's 1/3 Rule Simpson's 3/8 Rule.

Unit -III

Measure of Central Tendency: Mean Arithmetic, Mean Geometric, Mean Harmonic, Mean, Median and Mode.

Measure of dispersion: Range, Mean deviation, Standard deviation, co-efficient of variation.

Unit –IV

Correlation: Meaning, Karl Pearson method, Rank correlation.

Regression: Meaning, Linear Regression and its coefficients.

References/ Textbooks:

1. B.S. Grewal, Numerical Methods in Engineering & Science: With Programs in C, C++ & MATLAB, Khanna Publisher, 2014.
2. V. Rajaraman, Computer Oriented Numerical Methods, Prentice Hall of India Private Ltd., 2009.

Note: The latest editions of the books should be followed.

Bachelor of Arts (Honours) / Bachelor of Science (Computer Science) (Honours)/ Bachelor of Science (Economics) (Honours) Semester- III

Session 2025-26

Course Code: BARM-3134

BCSM-3134

BECM-3134

COMPUTER SCIENCE

(COMPUTER ORIENTED NUMERICAL AND STATISTICAL METHODS)

PRACTICAL

Examination Time: 3 Hrs.   **Max. Marks: 100**

Theory: 40

L-T-P: 3-0-1   **Practical: 30**

Credits: 4   **CA: 30**

Lab exercises using a spread sheet tool for:

1. Iterative Solutions
2. Simultaneous Solution of Equations
3. Interpolation
4. Measure of Central Tendency
5. Measure of dispersion
6. Correlation
7. Regression

Bachelor of Arts (Honours) / Bachelor of Science (Computer Science) (Honours)/ Bachelor of Science (Economics) (Honours) Semester- IV

(Session 2025-26)

Course Code: BARM-4134

BCSM-4134

BECM-4134

COMPUTER SCIENCE

(DATA STRUCTURES)

Course Outcomes:

After passing course the student will be able to:

CO1: Analyze complexity of algorithms to determine their efficiency.

CO2: Comprehend various hashing method, sorting and searching algorithms.

CO3: Comprehend various operations of stack and queue along with different scenarios.

CO4: Comprehend advanced data structures such as tree and graph.

Bachelor of Arts (Honours) / Bachelor of Science (Computer Science) (Honours)/ Bachelor of Science (Economics) (Honours) Semester- IV

(Session 2025-26)

Course Code: BARM-4134

BCSM-4134

BECM-4134

COMPUTER SCIENCE

(DATA STRUCTURES)

(THEORY)

Examination Time: 3 +3 Hrs.	**Max. Marks: 100**
	Theory: 40
L-T-P: 3-0-1	**Practical:30**
Credits: 4	**CA: 30**

Instructions for Paper Setter -

Eight questions of equal marks (8 marks each) are to be set, two in each of the four sections (A-D). Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be divided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any section. The students can use Non–programmable/ scientific & Non–storage type calculator.

UNIT–I

Data Structures: Introduction to elementary data organization, Common Operation on Data Structures, Algorithm Complexity, Big O Notation, Time-Space Tradeoff between Algorithms.

Arrays: Array defining, representing arrays in memory, various operations on linear arrays, Multi-Dimensional arrays.

UNIT–II

Linked Lists: Types of Linked Lists, representing linked list in memory, advantages of using linked lists over arrays, various operations of linked lists.

Stacks: Description of stack structure, Implementation of stack, using arrays and linked lists, application of stack-converting, arithmetic expression from infix notation to polish notation and their subsequent evaluation, quicksort technique.

UNIT–III

Queues: Description of queue structure, Implementation of queue using arrays and linked lists, description or priorities of queues, deques.

Sorting and Searching: Sorting Algorithms, bubble sort, selection sort, insertion sort, quick sort, merge sort, heap sort, searching Algorithms, linear search and binary search.

UNIT-IV

Trees: Description of Tree Structure and its Terminology, Binary Trees and Binary Search Trees and their representation in Memory, Heapsort.
Graphs: Description of Graph Structure, Implement Graphs in Memory using Adjacency Matrix, Path Matrix, graph traversal techniques - DFS, BFS.

References / Textbooks:

1. Seymour Lipschutz, Data Structures with C (Schaum's Outline Series), McGraw Hill Education (2017), 1st Edition
2. ReemaThareja, Data Structures Using C, Oxford Publication (2014), 2nd Edition
3. Sahni Horowitz, Fundamentals of Data Strucetures in C (2008), 2nd Edition
4. NarasimhaKarumanchi, Data Structures and Algorithms made easy, Careermonk Publications (2016), 5th Edition
5. S.K. Srivastava and Deepali Srivastava, Data Structures through C, BPB Publications (2004)
6. YedidyahLangsam, Augestein and Tanenbaum, Data Structures using C and C++, Pearson Education India (2015), 2nd Edition

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(DATA STRUCTURES)

(PRACTICAL)

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Lab Exercises based on Implementation of Data Structures using C:

- Searching(binary search, linear search)
- Sorting: Bubble Sort, selection sort, insertion sort, quick sort, merge sort, heap sort.
- Linked list
- Stacks (Using Arrays)
- Queues (Using Arrays)
- Trees – Traverse the BST
- Graphs-transversal, finding the shortest path