Exam Code: 118001   Paper Code: 1269

Bachelor of Science (Information Technology)- Semester I

Course Title: Fundamentals of Computers

Course Code: BITL-1115

Time: 3 Hours   **Max. Marks: 70**

Note: Attempt five questions, selecting one question from each section. The fifth question can be attempted from any section. Each question carries 14 marks.

SECTION A

Q1) Explain the main Components of a Computer System, explaining the function of each one.

Q2) What do you mean by Software? Explain various types of Software.

SECTION B

Q3) What are Printers? Explain different types of Printers.

Q4) Explain:-

   (a) Ribbon (b) Quick Access Toolbar (c) Office button (d) Status bar

SECTION C

Q5) Explain:-

   (a) Creation and working of Tables   (b) Spellchecker

Q6) What do you know about Themes, Formatting and Multimedia in context to slides.

SECTION D

Q7) Explain different types of Graphs and the steps to create the graphs with examples.

Q.8. Discuss:-

(a) Data Sorting (b) Filtering the data (c) Auto calculate (d) Date functions

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Exam Code: 118001   **Paper Code: 9118**

Bachelor of Science (Information Technology)- Semester I
Course Title: Fundamentals of Computers
Course Code: BITL-1115

Time: 3 Hours   **Max. Marks: 60**

Note: Attempt five questions, selecting one question from each section. The fifth question can be attempted from any section. Each question carries 12 marks.

Section A

Q 1. What is computer? Explain various input devices?   (12)

Q 2. What is a secondary storage device?   (12)

Section B

Q 3. What is an Operating System? Explain functions of an OS?   (12)

Q 4. What is Booting? Explain its types in detail?   (12)

Section C

Q 5. (a) Difference between Save and Save as option?   (6*2)
    (b) How can a page can be set up to perform task on word?

Q 6. Write a short note on   (4*3)
    a) Bookmark
    b) Page break
    c) Header and Footer

Section D

Q 7. What is PowerPoint? Explain different views available in PowerPoint?

(12)

Q 8. Explain various formatting features to be implemented in presentation?

(12)

2124   20

Exam Code: 118001   **Paper Code: 9117**

Bachelor of Science (Information Technology)- Semester I

Course Title: Fundamentals of Computers

Course Code: BITL-1115

Time: 3 Hours   **Max. Marks: 80**

Note: Attempt five questions, selecting one question from each section. The fifth question can be attempted from any section. Each question carries 16 marks.

Section-A

Q1) Explain the main Components of a Computer System, explaining the function of each one.

Q2) What do you mean by Software? Explain various types of Software.

Section-B

Q3) What are Printers? Explain different types of Printers.

Q4) Explain:-

(a) Ribbon (b) Quick Access Toolbar (c) Office button (d) Status bar

Section-C

Q5) Explain:-

(a) Creation and working of Tables   (b) Spellchecker

Q6) What do you know about Themes, Formatting and Multimedia in context to slides.

Section-D

Q7) Explain different types of Graphs and the steps to create the graphs with examples.

Q.8. Discuss:-

(a) Data Sorting

(b) Filtering the data

(c) Auto calculate

(d) Date functions

Programme: Bachelor of Computer Applications/Bachelor of Science (Information Technology)

Semester: I

Course Title: Introduction to _the_ Internet

Course Code: BCAM/BITM - 1110

Time Allowed: 3 Hours   Max Marks: 40

Note: Attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any section. Each question carries eight marks.

Section A

Q1: Discuss the impact of the Internet on the society.   (8)

Q2 a) Explain the hardware and software requirements of the Internet.   (6)

b) Differentiate between website and web page.   (2)

Section B

Q3: What best practices should you use in email communication?   (8)

Q4: a) Discuss the various search techniques.   (5)

b) What are various operators that can be used in searches. Give examples.   (3)

Section C

Q5: Compare and contrast any two cloud storage and file management tools.   (8)

Q6: Discuss the effective virtual meeting strategies.   (8)

Section D

Q7: a) Explain digital footprints.   (4)

  b) Write steps to create professional online profile.   (4)

Q8: Write a note on the following   (4*2 = 8)

   a) Digital portfolio

   b) Online reputation

   c) Personal branding

   d) Screen time

Paper Code: 1272 (40)

Programme: Bachelor of Science (Information Technology)
Semester-I
Exam Code: 118001
Course Code: BITL-1118 ✓

Programme: Bachelor of Computer Applications
Semester-I
Exam Code: 117901
Course Code: BCAL-1118 ✓

Course Title: Computational Data Science

Time Allowed: 3 Hours   Max Marks: 70

Note: There are eight questions of equal marks (14 marks each). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any section.

Section A

1. a) What do you mean by preprocessing and cleaning of
    data?   (7)

    b) Explain types of data in detail.   (7)

---

2. What is data science? Explain its application areas.

(14)

Section B

3. What do you mean by function? Explain its types.

(14)

4. Solve Equations with Factorization and Quadratic Formula

(a) $x^2 + 2x = 15$

(b) $x^2 + 5x + 6 = 0$ (2x7=14)

Section C

5. Explain addition and multiplication algorithms on polynomials. (14)

6. a) What do you mean by X-intercepts? Explain with example. (7)

b) Divide ($6x^3 - x^2 - 10x - 3$) by (2x - 3) (7)

Section D

7. (A) Calculate missing frequency, if mean is 52

Classes	10-20	20-30	30-40	40-50	50-60	60-70	70-80
Frequency	5	3	4	?	2	6	13

(B) By using all 3 methods find out mean from the following data

X	16	8	40	24	48	56	72	64	80	72

(2x7=14)

8. Explain the following

   a) Median

   b) Permutation Vs Combination

   c) Mode

   d) Factorials   (4x3.5=14)

Programme:	Course Code:	Exam Code	Paper Code
Bachelor of Computer Applications (Semester I)	BCAL-1333	117901	9107
Bachelor of Science (Information Technology (Semester I)	BITL-1333	118001	9115

Course Title: Applied and Discrete Mathematics

Time Allowed: 3 Hours   **Max. Marks: 80**

Note: Attempt five questions in all, selecting at least one question from each section. The fi th question may be attempted from any section. Each question carries 16 marks. Use of Simple calculator is allowed.

(Section A)

Q1) a) Find set builder form for A = {2, 4, 6, 8, 10, ...}.

b) If A = {x| x ∈ N, x is multiple of 3}, B = {x| x ∈ Z} and C = {x| x ∈ N, x is odd} then find A ∩ B ∪ C. Also find A ∪ B – C.

c) State and prove Distributive law of set theory.

d) Find Dual of A ∩ Φ ∪ A^c = X – A.

$$(4 \times 4 = 16)$$

Q2) a) In a survey of 1000 people, 350 admits they are suffering from high Arthritis, 505 admits they have Migraine and 240 persons are fully fit. How many people suffers from both diseases? How many Arthritis patients do not have Migraine?

b) Let R = {(x, y)| x != y} defined on A = {3,6,9,12}. Find domain and range of relation. Also, represent relation using digraph. Is it an equivalence relation? Justify your answer.

c) In N X N, show that the relation defined by (a,b) R (c,d) if ad = bc is an equivalence relation.

$$(6, 6, 4)$$

(Section B)

Q3) a) Find converse and contrapositive of "If it is Tuesday, Geeta will fast whole day."

b) Find the validity of argument "If Rosesh gets a professional degree, he will become a rich. Rosesh will get professional degree. only if he is studies. Rosesh does not study. So, he is not a rich."

$$(8 \times 2 = 16)$$

Q4) a) Let W(x) be "x has wings", T(x) be "x is thick" and F(x) be "x can fly" over the universe of birds. Then what will be the formula for some birds that are thick cannot fly. Also find statement for $(\exists x) (\sim W(x) \to T(x))$.

b) Over the universe of positive integers find truth set for

$p(n): n^2 + 5n = 10$

$q(n):$ n is a perfect cube, n < 50

(8 X 2 = 16)

(Section C)

Q5) a) Find atoms of D_{70}. Also express all non-zero elements as sum of atoms. Also draw the Hasse diagram for it. Find all the subalgebras of it.

b) Simplify $AB + \bar{A}B + \overline{BC}$ using laws of Boolean algebra.

(10, 6)

Q6) a) Convert F (A, B, C, D) = $(\bar{A} + \bar{B} + C).(\bar{A} + B + \bar{C}).(\bar{A} + D).(A + C + \bar{D})$ into canonical form.

b) Simply F (A, B, C, D) = Σ (2,3,4,5,6,9,10,11,13,15) $\cup$ X (7,14).

(8 X 2 = 16)

(Section D)

Q7) a) let A = $\begin{bmatrix} 4 & -3 & 0 \\ 2 & 1 & -4 \\ 8 & 9 & 6 \end{bmatrix}$. Show that (AB)' = B'A'

b) Show matrix A = $\begin{bmatrix} 4 & 1 & 3 \\ 1 & -1 & -5 \\ 3 & 2 & 0 \end{bmatrix}$ as sum of Hermitian and skew Hermitian matrix.

(8 X 2 = 16)

Q8) Solve the following equations:-

x + 2y + 3z = 14

5x - 2y = 8

2x + 3y – 4z = 12

(16)

Programme: Bachelor of Science (Information Technology)
Semester-I
Exam Code: 118001
Course Code: BITL-1114 ✓

Programme: Bachelor of Computer Applications
Semester-I
Exam Code: 117901
Course Code: BCAL-1114 ✓

Course Title: Introduction to Programming – C

Time Allowed: 3 Hours   **Max Marks: 70**

Note: Attempt five questions. Each question carries equal 14 marks. Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any section.

SECTION-A

1. Write a note on the following: (4x3.5=14)
   a. Symbolic Constants
   b. Variables
   c. Character Set
   d. Expression

2. What is the data type? Explain basic and derived data types with the help of a program. (14)

SECTION-B

3. Explain all storage classes in detail and discuss their scope, lifetime, initial value and storage.

(14)

4. a) What do you mean by control statements? Explain the switch statement and its syntax with the help of example.

b) Explain for-loop with the help of syntax, flowchart and example. (2 *7=14)

SECTION-C

5. What do you mean by function? What are the different types of functions available in C? How can you create your own functions? illustrate with a program.

(14)

6. a) What is the necessity of an Array? How 1D and 2D Array is represented in memory?

b) Write a Program in C to check whether a string is palindrome or not?

(2*7=14)

SECTION-D

7. What is structure? How can you define a structure and also explain how structure elements can be accessed using the dot operator?

(14)

8. What do you mean by pointers? How can a pointer be declared and used in a program? Write a program in C to swap two number using pointers.

(14)

Programme: **Bachelor of Science (Information Technology)**
Semester-I
Exam Code: 118001
Course Code: BITM-1114 ✓

Programme: **Bachelor of Computer Applications**
Semester-I
Exam Code: 117901
Course Code: BCAM-1114 ✓

Course Title: Introduction to Programming – C

Time Allowed: 3 Hours   Max Marks: 50

Note: Attempt five questions. Each question carries equal 10 marks. Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any section.

SECTION-A

1. Write a note on the following:
   a. Symbolic Constants
   b. Variables
   c. Character Set
   d. Expression

2. What is the data type? Explain basic and derived data types with the help of a program.

SECTION-B

3. Explain all storage classes in detail and discuss their scope, lifetime, initial value and storage.

4. a) What do you mean by control statements? Explain the switch statement and its syntax with the help of example.
   b) Explain for-loop with the help of syntax, flowchart and example.

SECTION-C

5. What do you mean by function? What are the different types of functions available in C? How can you create your own functions? illustrate with a program.

6. a) What is the necessity of an Array? How 1D and 2D Array is represented in memory?
   b) Write a Program in C to check whether a string is palindrome or not?

SECTION-D

7. What is structure? How can you define a structure and also explain how structure elements can be accessed using the dot operator?

8. What do you mean by pointers? How can a pointer be declared and used in a program? Write a program in C to swap two number using pointers.

Programme	Course Code	Exam Code
Bachelor of Computer Applications Semester I	BCAL-1113 ✓	117901
Bachelor of Science (Information Technology) Semester I	BITL-1113 ✓	118001

Course Title: Digital Electronics

Time Allowed: 3 Hours   **Max. Marks: 70**

Note: Attempt five questions, selecting one question from each section. The fifth question may be attempted from any section. All questions carry 14 marks. Use of Simple calculator is allowed.

(Section A)

Q1) a) $(6B)_{16} = (?)_8$

b) $(101110010110)_2 = (?)_{\text{Gray Code}}$

c) $(78.125)_{10} = (?)_2$

d) $(172.5)_8 = (?)_{10}$

Q2) a) subtract 10100101 from 10011010 using 2's complement subtraction method.

b) How two BCD digits are added? Explain with an example.

c) Represent $-(47)_{10}$ in 8-bit 2's Complement Representation.

d) What do you mean by non-weighted number system? Explain with an example.

(Section B)

Q3) a) Why NOR gate is termed as universal gate? Explain in detail.

b) Minimize $F(A,B,C,D) = \Pi(0,4,8,12)$. Also draw the Boolean circuit of minimized expression.

Q4) a) Minimize $F = A\bar{B}C + \overline{ABC} + \overline{AB} + C$. Also draw the Boolean circuit of minimized expression.

b) State and prove distributive law of Boolean algebra.

(Section C)

Q5) a) What do you mean by Priority encoder? Explain with an example.

b) What is full subtractor? Explain its truth table and internal structure.

2124   100

Q6) We need to derive a main memory of size 256 X 4 from chips of size 128 X 1.

   a) How many chips will be needed to build main memory?
   b) How many chip select lines are used?
   c) What will be the size of decoder?
   d) Draw the memory interconnections.

(Section D)

Q7) a) Explain the working of JK flip-flop with truth and excitation table.
   b) Explain timing diagram of T-flip flop for different operations.

Q8) a) What do you mean by SIPO registers? Explain.
   b) Explain the working of Modulo-16 Counter in detail.

Programme	Exam Code	Course Code
Bachelor of Arts	121201	BARL-1031
Bachelor of Science (Medical)	121301	BSML-1031
Bachelor of Science (Non-Medical)		BSNL-1031
Bachelor of Science (Computer Science)		BCSL-1031
Bachelor of Science (Economics)		BECL-1031
Bachelor of Science (Medical Laboratory Technology)	509701	BMLL-1031
Bachelor of Commerce	121101	BCRL-1031
Bachelor of Business Administration	121701	BBRL-1031
Bachelor of Business Administration (Airlines and Airport Management)	509501	BBML-1031
Bachelor of Arts (Journalism and Mass Communications)	116401	BJML-1031
Bachelor of Science (Fashion Designing)	119601	BFDL-1031
Bachelor of Science (Home Science)	119701	BHSL-1031
Bachelor of Computer Applications	117901	BCAL-1031
Bachelor of Science (Information Technology)	118001	BITL-1031
Bachelor of Science (Bio-Technology)	120601	BBTL-1031

Semester-I
Course Title: Basic Punjabi

(50)

Time Allowed: 3 Hours   **Max Marks: 70**

ਨੋਟ:- ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਚਾਰ ਸੈਕਸ਼ਨ ਹਨ।ਹਰੇਕ ਭਾਗ ਵਿੱਚੋਂ ਇੱਕ ਪ੍ਰਸ਼ਨ ਕਰਨਾ ਲਾਜ਼ਮੀ ਹੈ। ਪੰਜਵਾਂ ਪ੍ਰਸ਼ਨ ਕਿਸੇ ਵੀ ਸੈਕਸ਼ਨ ਵਿੱਚੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ ਅੰਕ 14 ਹਨ।

ਸੈਕਸ਼ਨ 1

1. ਲਗਾਂ ਮਾਤਰਾਵਾਂ ਤੋਂ ਕੀ ਭਾਵ ਹੈ ਸੰਖੇਪ ਜਾਣਕਾਰੀ ਦਿਓ।
2. ਲਗਾਖ਼ਰ ਦੀ ਪਰਿਭਾਸ਼ਾ ਦਿੰਦੇ ਹੋਏ ਉਦਾਹਰਨਾਂ ਸਹਿਤ ਜਾਣਕਾਰੀ ਦਿਓ ।

ਸੈਕਸ਼ਨ 2

3. ਸੰਯੁਕਤ ਸ਼ਬਦ ਤੋਂ ਕੀ ਭਾਵ ਹੈ ਉਦਾਹਰਨ ਸਹਿਤ ਬਿਆਨ ਕਰੋ।
4. ਪਿਛੇਤਰ ਦੀ ਪਰਿਭਾਸ਼ਾ ਦਿੰਦੇ ਹੋਏ ਕੋਈ ਪੰਜ ਪਿਛੇਤਰ ਬਣਾਓ।

ਸੈਕਸ਼ਨ 3

5. ਵਪਾਰ ਨਾਲ ਸੰਬੰਧਿਤ ਕੋਈ 10 ਸ਼ਬਦ ਲਿਖੋ।
6. ਕੋਈ ਦਸ ਰਿਸ਼ਤਿਆਂ ਦੇ ਨਾਂ ਲਿਖੋ।

ਸੈਕਸ਼ਨ 4

7. ਹਫ਼ਤੇ ਦੇ ਸੱਤ ਦਿਨਾਂ ਦੇ ਨਾਮ ਲਿਖੋ।
8. ਰੁੱਤਾਂ ਦੇ ਨਾਮ ਲਿਖੋ ।

Programme	Exam Code	Course Code
Bachelor of Arts	121201	BARL-1431
Bachelor of Science (Non-Medical)	121301	BSNL-1431
Bachelor of Science (Medical)		BSML-1431
Bachelor of Science (Economics)		BECL-1431
Bachelor of Science (Computer Science)		BCSL-1431
Bachelor of Science (Medical Laboratory Technology)	509701	BMLL-1431
Bachelor of Commerce	121101	BCRL-1431
Bachelor of Business Administration	121701	BBRL-1431
Bachelor of Business Administration (Airlines and Airport Management)	509501	BBML-1431
Bachelor of Arts (Journalism and Mass Communication)	116401	BJML-1431
Bachelor of Science (Fashion Designing)	119601	BFDL-1431
Bachelor of Science (Home Science)	119701	BHSL-1431
Bachelor of Computer Applications	117901	BCAL-1431
Bachelor of Science (Information Technology)	118001	BITL-1431
Bachelor of Science (Bio-Technology)	120601	BBTL-1431

Semester-I

Course Title: Punjab History and Culture

(50)

Time Allowed: 3 Hours   **Max Marks: 70**

Candidates shall attempt 5 questions in 800 words each by selecting atleast one question from each section and the 5th question may be attempted from any of the four Sections. Each question carries 14 marks.

Section-A

1. Discuss the physical features of the Punjab. What were social, economic and religious effects of those features?
2. Describe the literacy and Archaeological sources of the ancient history of Punjab.

Section-B

3. Study the Social and economic life of people of Indus Valley People.
4. Discuss the various theories regarding original home of Aryans in Punjab.

Section-C

5. Briefly describe the religious life of people of Rig Vedic Age?
6. Briefly describe the economic life of people of Later Vedic Age?

Section-D

7. What is the contribution of Mahatma Buddha.
8. Discuss the contribution of Mahavir Swami.

Hindi Version

1. पंजाब की भौतिक विशेषताओं पर चर्चा करें। उन विशेषताओं के सामाजिक, आर्थिक और धार्मिक प्रभाव क्या थे?

2. पंजाब के प्राचीन इतिहास की साक्षरता एवं पुरातात्विक स्त्रोतों का वर्णन करें।

भाग—2

3. सिंधु घाटी के लोगों के सामाजिक और आर्थिक जीवन का अध्ययन करें।

4. पंजाब में आर्यों के मूल निवास स्थान के संबंध में विभिन्न सिद्धांतों पर चर्चा करें।

भाग—3

5. ऋग्वैदिक युग के लोगों के धार्मिक जीवन का संक्षेप में वर्णन करें?

6. उत्तर वैदिक युग के लोगों के आर्थिक जीवन का संक्षेप में वर्णन करें?

भाग—4

7. महात्मा बुद्ध का योगदान क्या है?

8. महावीर स्वामी के योगदान की चर्चा करें।

Programme	Exam Code	Course Code
Bachelor of Arts (Journalism and Mass Communications)	116401	BJML-1421
Bachelor of Science (Fashion Designing)	119601	BFDL-1421
Bachelor of Science (Home Science)	119701	BHSL-1421
Bachelor of Computer Applications	117901	BCAL-1421
Bachelor of Science (Information Technology)	118001	BITL-1421
Bachelor of Science (Bio-Technology)	120601	BBTL-1421
Bachelor of Science (Medical Laboratory Technology)	509701	BMLL-1421

Semester-I
Course Title Punjabi (Compulsory)
(180)

Time Allowed: 3 Hours　　　　　　**Max Marks: 70**

ਨੋਟ :– ਕੁੱਲ ਪੰਜ ਪ੍ਰਸ਼ਨ ਕਰੋ। ਹਰ ਸੈਕਸ਼ਨ ਵਿੱਚੋਂ ਇੱਕ ਪ੍ਰਸ਼ਨ ਲਾਜ਼ਮੀ ਹੈ। ਪੰਜਵਾਂ ਪ੍ਰਸ਼ਨ ਕਿਸੇ ਵੀ ਸੈਕਸ਼ਨ ਵਿੱਚੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ। ਸਾਰੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਅੰਕ ਬਰਾਬਰ ਹਨ।

ਸੈਕਸ਼ਨ-ਏ

1. ਹੇਠ ਲਿਖੀਆਂ ਕਾਵਿ ਸਤਰਾਂ ਦੀ ਪ੍ਰਸੰਗ ਸਹਿਤ ਵਿਆਖਿਆ ਕਰੋ:-

(ੳ) ਮਾਂ ਵਰਗਾਂ ਘਣ-ਛਾਵਾਂ ਬੂਟਾ, ਮੈਨੂੰ ਨਜ਼ਰ ਨਾ ਆਏ।

ਲੈ ਕੇ ਜਿਸ ਤੋਂ ਛਾਂ ਉਧਾਰੀ, ਰੱਬ ਨੇ ਸੁਰਗ ਬਣਾਏ।

ਬਾਕੀ ਕੁੱਲ ਦੁਨੀਆਂ ਦੇ ਬੂਟੇ, ਜਰ ਸੁੱਕਿਆਂ ਮੁਰਝਾਂਦੇ,

ਐਧਰ ਫੁੱਲਾਂ ਦੇ ਮੁਰਝਾਇਆਂ, ਇਹ ਬੂਟਾ ਸੁੱਕ ਜਾਏ।

(ਅ) ਮੈਲੀ ਜਿਹੀ ਸਿਆਲ ਦੀ ਉਹ ਧੁੰਦਲੀ ਸਵੇਰ ਸੀ

ਸੂਰਜ ਦੇ ਚੜ੍ਹਨ 'ਚ ਹਾਲੇ ਬੜੀ ਦੇਰ ਸੀ

ਪਿਤਾ ਪਰਦੇਸ ਗਿਆ ਜਦੋਂ ਪਹਿਲੀ ਵੇਰ ਸੀ

ਮੇਰੀ ਮਾਂ ਦੇ ਨੈਣਾਂ ਵਿੱਚ ਹੰਝੂ ਤੇ ਹਨੇਰ ਸੀ

2. 'ਆਖਾਂ ਵਾਰਸ ਸ਼ਾਹ ਨੂੰ' ਕਵਿਤਾ ਦਾ ਵਿਸ਼ਾ ਵਸਤੂ ਸਪਸ਼ਟ ਕਰੋ।

ਸੈਕਸ਼ਨ ਬੀ

3. 'ਬੇਬੇ ਰਾਮ ਭਜਨੀ' ਇਕਾਂਗੀ ਦਾ ਵਿਸ਼ਾ ਵਸਤੂ ਸਪਸ਼ਟ ਕਰੋ।

4. 'ਮਨ ਦੀਆਂ ਮਨ ਵਿੱਚ' ਇਕਾਂਗੀ ਦਾ ਸਾਰ ਆਪਣੇ ਸ਼ਬਦਾਂ ਵਿੱਚ ਲਿਖੋ।

ਸੈਕਸ਼ਨ ਸੀ

5. ਹੇਠ ਲਿਖੀਆਂ ਵਿੱਚੋਂ ਕਿਸੇ ਇੱਕ ਵਿਸ਼ੇ 'ਤੇ ਪੈਰ੍ਹਾਂ ਰਚਨਾ ਕਰੋ:

   (ੳ) ਵਾਤਾਵਰਨੀ ਪ੍ਰਦੂਸ਼ਣ

   (ਅ) ਔਰਤਾਂ ਵਿਰੁੱਧ ਅਪਰਾਧ

   (ੲ) ਨੈਤਿਕ ਸਿੱਖਿਆਂ ਦੀ ਲੋੜ

6. ਕਿਸਾਨਾਂ ਦਾ ਪ੍ਰਮੁੱਖ ਕਿੱਤਾ ਭਾਵੇਂ ਖੇਤੀਬਾੜੀ ਕਰਨਾ ਹੈ, ਫਿਰ ਵੀ ਉਹ ਆਪਣੀ ਲੋੜ ਲਈ ਵਿਹਲੇ ਸਮੇਂ ਅਜਿਹੇ ਕਾਰਜ ਵੀ ਕਰਦੇ ਹਨ ਜਿਨ੍ਹਾਂ ਵਿਚ ਕਮਾਲ ਦੀ ਕਲਾਕਾਰੀ ਸਮਾਈ ਹੁੰਦੀ ਹੈ।ਜਿਵੇਂ ਸੂਣ ਅਤੇ ਸੂਤ ਦੀਆਂ ਰੱਸੀਆਂ-ਰੱਸੇ ਵੱਟਣੇ, ਮੰਜੇ-ਪੀੜ੍ਹੀਆਂ ਬੁਣਨੀਆਂ , ਤੰਗੜ-ਤੰਗੜੀਆਂ ਅਤੇ ਟੋਕਰੇ-ਟੋਕਰੀਆਂ ਬਣਾਉਣਾ ਆਦਿ। ਇਸੇ ਤਰ੍ਹਾਂ ਸੁਆਣੀਆਂ ਦੁਆਰਾ ਵਿਹਲੇ ਸਮੇਂ ਵਿੱਚ ਦਰੀਆਂ, ਖੇਸ ਬਣਾਉਣੇ, ਚਾਦਰਾਂ-ਸਰਾਹਣੇ ਕੱਢਣੇ ਆਦਿ ਵੀ ਇੱਕ ਹਿਸਾਬ ਨਾਲ ਲੋਕ-ਕਿੱਤਾ ਹੀ ਹੈ ਭਾਵੇਂ ਇਸ ਨੂੰ ਸੰਪੂਰਨ ਕਿੱਤੇ ਦਾ ਦਰਜਾ ਨਹੀਂ ਦਿੱਤਾ ਜਾ ਸਕਦਾ ਅਤੇ ਨਾ ਹੀ ਇਹ ਵਸਤਾਂ ਵੇਚਣ ਲਈ ਬਣਾਈਆਂ ਜਾਂਦੀਆਂ ਹਨ। ਇਨ੍ਹਾਂ ਕਿੱਤਿਆਂ ਦਾ ਸੰਬੰਧ ਆਪਣੀਆਂ ਘਰੇਲੂ ਲੋੜਾਂ ਦੀ ਪੂਰਤੀ ਨਾਲ ਹੁੰਦਾ ਹੈ।

ਉਪਰੋਕਤ ਪੈਰ੍ਹੇ ਨੂੰ ਪੜ੍ਹ ਕੇ ਹੇਠ ਲਿਖੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਦਿਓ:

(ੳ) ਕਿਸਾਨ ਵਿਹਲੇ ਸਮੇਂ ਵਿੱਚ ਕਿਹੜੇ-ਕਿਹੜੇ ਕਾਰਜ ਕਰਦੇ ਹਨ?

(ਅ) ਸੁਆਣੀਆਂ ਕਿਹੜੇ ਕੰਮ ਕਰਦੀਆਂ ਹਨ?

(ੲ) ਲੋਕ ਕਿੱਤਿਆਂ ਤੋਂ ਕੀ ਭਾਵ ਹੈ?

(ਸ) ਲਕੀਰੇ ਸ਼ਬਦਾਂ ਦੇ ਅਰਥ ਲਿਖੋ।

(ਹ) ਪੈਰ੍ਹੇ ਦਾ ਢੁੱਕਵਾਂ ਸਿਰਲੇਖ ਲਿਖੋ।

ਸੈਕਸ਼ਨ ਡੀ

7. ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਟਕਸਾਲੀ ਰੂਪ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦਿੰਦੇ ਹੋਏ ਭਾਸ਼ਾ ਅਤੇ ਉਪਭਾਸ਼ਾ ਵਿਚਲਾ ਅੰਤਰ ਸਪਸ਼ਟ ਕਰੋ।

8. ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਵਿਕਾਸ ਪੜਾਵਾਂ ਉੱਪਰ ਨੋਟ ਲਿਖੋ,

Programme	Exam Code	Course Code
Bachelor of Arts (Journalism and Mass Communication)	116401	BJMM-1102
Bachelor of Science (Fashion Designing)	119601	BFDM-1102
Bachelor of Science (Home Science)	119701	BHSM-1102
Bachelor of Computer Applications	117901	BCAM-1102
Bachelor of Science (Information Technology)	118001	BITM-1102
Bachelor of Science (Bio-Technology)	120601	BBTM-1102
Bachelor of Science (Medical Laboratory Technology)	509701	BMLM-1102
Bachelor of Vocation (Retail Management)	122001	BVRM-1102
Bachelor of Vocation (Animation)	112801	BVAM-1102
Bachelor of Vocation (Nutrition and Dietetics)	510011	BVNM-1102
Bachelor of Vocation (Beauty and Wellness)	112601	BVBM-1102
Bachelor of Vocation (Artificial Intelligence and Data Science)	112901	BVIM-1102
Bachelor of Vocation (Hospitality and Tourism)	113001	BVHM-1102

Semester I

Course Title: Communication Skills in English
(400)

Time Allowed: 3 Hours   **Total Marks: 50**

Note: The candidates will have to attempt five questions in all selecting one from each section and the fifth question from any of the four sections. Each question will carry 10 marks.

Section – A

1. Describe the PSQ5R model of reading.
2. Describe the three different kinds of purposes of reading.

Section – B

3. Read the following passage and answer the questions in multiple choice form mark (Tick) in front of the right answer:

In the workplace, the relationship between a mentor and a mentee is much like that between a teacher and a student. Mentors play a crucial role not just by sharing knowledge, but also by guiding mentees through their

career paths, much like teachers guide students through their education. A good mentor helps a mentee develop professionally and personally, offering support and advice based on their own experiences. This support is critical, as it can determine the success or failure of the mentee in their professional life. Like good teachers, successful mentors need to have strong personal qualities—they need to be understanding, patient, and empathetic. These traits allow them to be not just instructors, but also role models.

1. Mentors are important to mentees because they:

A. Provide only technical knowledge.

B. Focus solely on professional growth.

C. Support both personal and professional development.

D. Function as administrative figures.

2. **The central idea of the passage is that:**

A. Mentorship and knowledge sharing are unrelated.

B. A mentor's personal qualities significantly impact their effectiveness.

C. Professional development does not require personal support.

D. Mentors are similar to corporate leaders.

3. **Why does the passage emphasize the mentor's personal qualities?**

A. Because it ensures a higher salary.

B. Because it makes the mentor more authoritative.

C. Because it affects the mentor's ·ability to guide effectively.

D. Because it is less important than professional knowledge.

4. **According to the passage, what role does a mentor fulfill that is similar to a teacher's?**

A. Giving lectures and presentations.

B. Guiding and shaping the mentee's career and character.

C. Evaluating performance strictly.

D. Setting professional standards.

5. Give a suitable title.

4. **Read the following passage carefully and answer the question the follow:**

A woman entered a bustling coffee shop dressed in a business suit and was immediately greeted warmly by a server who assumed she was a high-profile business

executive. She was promptly shown to the best seat in the house and given the special menu reserved for VIP guests. She browsed the menu but ordered only a coffee. As she sat sipping her drink, she observed the staff bustling about, largely ignoring other customers who were dressed more casually.

After some time, she called over the manager and asked why there was a difference in how customers were treated based on their attire. She explained that she had visited the same coffee shop a few days earlier wearing casual clothes and had received quite indifferent service. Her purpose today was to see if her dressing would influence the service she received. Upon making her point clear, she left a generous tip for the server but chose not to purchase more than a coffee.

1. Why did the server immediately greet the woman warmly?

2. Why was she given the special menu?

3. Why did the woman question the manager about the service?

4. What was the woman's reason for visiting the coffee shop again in a business suit?

5. What is the moral of the story?

Section – C

5. Write a letter to a store manager complaining about a pair of shoes you recently bought. Ask for a refund on the purchase.

6. Write a letter to thank your aunt for the thoughtful birthday gift she sent you. Express how much you liked the gift and how you plan to use it.

Section – D

7. Compose a notice to inform students about a guest lecture on Interview Skills.

8. Draft the minutes for a meeting where teachers discussed an upcoming college event and assigned tasks to different students.