

Exam. Code : 108205

Subject Code : 2751

B.Sc. (Home Science) 5<sup>th</sup> Semester

**CHILD PSYCHOLOGY**

**Paper—I**

Time Allowed—3 Hours]

[Maximum Marks—50

**Note :—**(1) Attempt **FIVE** of the given **EIGHT** questions in all.

(2) Q. No. 1 is compulsory. All questions carry equal marks.

**(Compulsory Question)**

I. Answer in brief :

- (a) Define psychology. 2
- (b) Write on two major aspects of memory. 2
- (c) Suggest two ways to memorize better. 2
- (d) Write briefly on sensorimotor stage of cognition as given by Piaget. 4

II. What is the study of child psychology ? What is the scope of this study for you in the coming years ? 10

III. What is attention ? How can distraction impair attending to important things ? Suggest ways to manage distraction ? 10

- IV. Write notes on :
- (a) Primary motives.
  - (b) Nature of learning 5,5
- V. What are the causes of forgetting ? How can forgetting be reduced ? 10
- VI. What is the role of motivation in your daily life ? Give examples. 10
- VII. Explain Maslow's hierarchy of needs and how these affect our daily life ? 5,5
- VIII. Write notes on :
- (a) Write five major highlights of Freud's psycho-sexual theory.
  - (b) Explain Erick Erickson's theory related to adolescence period. 5,5



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**Subject Code : 2752**

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**INTERIOR SPACE DESIGNING**

**Paper-II**

Time Allowed—3 Hours]

[Maximum Marks—60

**Note :-** All questions carry equal marks. Question no. I is compulsory.

I. Define any **four** of the following. Each carries 3 marks :

(a) Home furnishing

(b) Emphasis : Principle of design

(c) Hard floors

(d) Iron furniture

(e) Wall paints

(f) Dove tail Joint.

12

II. What are the options for soft materials for flooring ?  
Elaborate on their selection criteria, types, suitability and periodic care.

12

- III. What points should be kept in mind for selecting furniture for a flat ? 12
- IV. What options (other than wood) are available for making furniture ? Highlight their qualities which are required for making durable furniture ? 12
- V. What do you understand by the term 'furniture arrangement' ? What is the criteria of good furniture layout ? Suggest an appropriate furniture arrangement for master bedroom. 12
- VI. Describe the process of developing various colour schemes on the basis of colour wheel (as based on Munsell's pigment colour theory). 12
- VII. (i) Classify wall finishes. 6  
(ii) How can wood paneling be done in interiors ? Give tips on general care of wood paneled wall. 6
- VIII. Discuss about various resilient flooring materials with their properties, suitability, installation and care. 12



**Exam. Code : 108205**

**Subject Code : 2753**

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**THERAPEUTIC NUTRITION**

**Paper—III**

Time Allowed—3 Hours]

[Maximum Marks—60

**Note :—** Attempt **five** questions. Q. No. **I** is compulsory. All questions carry equal marks.

- I. (a) What are Therapeutic Diets ? Give their importance.  
(b) Which diet would you prescribe to a dengue patient ?  
(c) What is Pancreatitis ?  
(d) What are the causes of Food Allergy ?  $3 \times 4 = 12$
- II. Discuss the symptoms and dietary management of any **one** :  
(a) Peptic Ulcer  
(b) Irritable Bowel Syndrome. 12
- III. Write a note on acute complications of diabetes. 12

- IV. Discuss the dietary management of a Jaundice Patient. 12
- V. Which diet would you prescribe for a Hypertensive Patient ? 12
- VI. How will you assess the presence of Obesity ? State hazards of Obesity. 12
- VII. Explain factors inhibiting and enhancing carcinogenesis. 12
- VIII. Write short notes on any **two** :
- (a) Special feeding methods
  - (b) Absorption of nutrients after drug therapy
  - (c) Dietary management in Nephrosis
  - (d) Dietary management in Gout
  - (e) Diet in Celiac Disease.  $2 \times 6 = 12$

Exam. Code : 108205

Subject Code : 2754

B.Sc. Home Science 5<sup>th</sup> Semester

**BASIC CONCEPTS OF SEWING AND FASHION**

**Paper-IV**

Time Allowed—3 Hours]

[Maximum Marks—60

**Note :-** Attempt **five** questions in all. Question no. 1 is compulsory. All questions carry equal marks.

1. Write short notes on :
  - (a) Causes and remedies of material puckering
  - (b) Uses of pleats
  - (c) Types of Neck finishes
  - (d) Fashion cycles
  - (e) Merchandising
  - (f) Application of tucks. 6×2=12
2. Draw a labelled diagram of a sewing machine and explain the functions of its parts. 12
3. What are the various types of seams and seam finishes used in garment construction ? 12



4. What are the three types of sleeves ? Give two examples of each type. How are the lower edges of sleeves finished ?  
12
5. What are the different types of yokes ? Explain their purpose in the ladies garments.  
12
6. Explain in detail the various types of fasteners. Also discuss their purpose in the dresses.  
12
7. What are the different sources of fashion ? What points will you keep in mind while selecting a fashion ?  
12
8. Explain the following terms :
  - (a) Collection
  - (b) Style
  - (c) Mass fashion
  - (d) Silhouette
  - (e) Classic
  - (f) Change.  
6×2=12



**Exam. Code : 108205**

**Subject Code : 2755**

**B.Sc. Home Science 5<sup>th</sup> Semester**

**INTRODUCTION TO EXTENSION EDUCATION  
AND COMMUNITY DEVELOPMENT**

**Paper-V**

Time Allowed—3 Hours]

[Maximum Marks—50

**Note :-** Attempt any **five** questions. Each question carries equal marks (10 each). Q. No. **I** is compulsory.

- I. (a) What is the difference between formal and non-formal education ?
- (b) What is the philosophy behind extension education ?
- (c) Write a few qualities of an extension worker.
- (d) Discuss the techniques of motivation in short.
- (e) What are the main objectives of Minimum Need Programme ? 2×5=10
- II. Define extension education. Write down the principles and scope of extension education. 10
- III. Write down the brief history of extension activities in India. 10

- IV. What is the role of Extension Education in Rural Development ? Briefly discuss the fields covered under Extension Education. 10
- V. How can we motivate an extension worker for improving his/her work output ? 10
- VI. Define Community Development. What are the principles of Community Development ? Explain the philosophy of Community Development in short. 10
- VII. Write down in detail about the Panchayati Raj system, its organization and its functions. 10
- VIII. Write short notes on :
- (a) IRDP
- (b) Family Planning Programme. 10



**Exam. Code : 108205**

**Subject Code : 2756**

**B.Sc. Home Science 5<sup>th</sup> Semester**

**BASIC NUTRITIONAL BIOCHEMISTRY-I**

**Paper-VI**

Time Allowed—3 Hours]

[Maximum Marks—50

**Note :-** Attempt any **five** questions in all. Q. No. **I** is compulsory. All questions carry equal marks.

I. (a) Give the structural formula of polysaccharides.

(b) What is glycolysis ?

(c) Explain saponification of fat.

(d) Give the structural formula of triglycerides.

2.5×4=10

II. Explain gluconeogenesis.

10

III. (a) What is acid value of fat ?

(b) Give the importance of essential fatty acids.

2×5=10

IV. Write a note on rancidity of fats and its prevention.

10

V. Explain biosynthesis of fatty acids. 10

VI. How does metabolism of Phosphorous take place ? 10

VII. Explain the TCA cycle. 10

VIII. Write notes on any **one** :

(a) Intermediary metabolism of carbohydrates

(b) Metabolism of Iron

(c) Structural formula of fatty acids. 10



**Exam. Code : 108205**

**Subject Code : 2757**

**B.Sc. (Home Science) 5<sup>th</sup> Semester**

**APPLIED BOTANY AND HOME GARDENING**

**Paper—VII**

Time Allowed—3 Hours]

[Maximum Marks—60

**Note :—** Attempt **FIVE** questions in all (**12** marks each).

Question No. **1** is compulsory.

1. Define the following :

(i) Drainage

(ii) Fungi

(iii) Manure

(iv) Seed Preparation

(v) Tillage

(vi) Weeding

(vii) Digging

(viii) Bulb

(ix) Mould

(x) Runner

(xi) Tuber

(xii) Watering.

1×12=12

2. Discuss various types of fertilizers and their significance. 12
3. Discuss planning and cultivation of the following vegetables :
  - (i) Potato
  - (ii) Spinach
  - (iii) Radish
  - (iv) Tomato  $3 \times 4 = 12$
4. Explain the natural methods of plant propagation. 12
5. How would you cultivate ornamental plants and take their care ? 12
6. Give general characteristics, morphology and economic importance of algae. 12
7. How will you plan the hedges of big lawns ? Discuss its principle. 12
8. Explain the layout of kitchen garden. 12