

Exam Code: 108205
(20)

Paper Code: 5170

Programme: Bachelor of Science (Home Science)
Semester-V

Course Title: Child Psychology

Course Code: BHSL-5281

Time Allowed: 3 Hours

Max Marks: 40

Attempt Five questions in all, selecting at least One question from each section. The fifth question may be attempted from any section. Each question carries 8 marks.

Section-A

1. Discuss the nature and scope of Psychology. 8
2. What are the factors which affect memory of a person and how improvement can be made? 8

Section-B

3. Define meaning: of learning. Discuss nature and types of Learning. 8
4. What is the significance of Sensory-Motor Stage in Piaget's theory? List the achievement of the child at the end of this stage. 8

Section-C

- 5. Describe Classical Conditioning in detail. 8
- 6. Discuss Ecological" theory. 8

Section-D

- 7. What is Moral development? What are the stages of Moral Development? 8
- 8. Throw light on Allport's theory. 8

Exam Code: 108205
(20)

Paper Code: 5171

Programme: Bachelor of Science (Home Science)
Semester-V

**Course Title: Introduction to Extension Education and
Community Development**

Course Code: BHSL-5282

Time Allowed: 3 Hours

Max Marks: 40

Note: 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 carries 8 marks.

Section A

1. Explain education and its types in detail. Give the difference between formal & non-formal extension education?
2. What are the concepts of Extension Education? Also explain its principles in detail?

Section B

3. Write notes on the following:
a) Role of extension worker in extension education

- b) Qualities of extension worker
4. Explain in detail the fields covered under extension education?

Section C

5. a) Which basic elements should be needed to know to motivate the villagers?
b) How we can motivate the extension workers. Explain with the help of model of motivation?
6. What are the objectives and principles of Community Development?

Section D

7. Explain Panchayati Raj system, its organization and functions?
8. What is the role of Voluntary Organization in Community Development?

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(20)

Paper Code: 5172

Programme: Bachelor of Science (Home Science)
Semester-V

Course Title: Basic Nutritional Biochemistry

Course Code: BHSL- 5063

Time Allowed: 3 Hours

Max Marks: 40

Note: 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 carries 8 marks.

Section A

1. (a) Write the biological roles of carbohydrates. (4)
(b) Differentiate between glycogen and starch. (4)
2. (a) What are the hetero-polysaccharides? Write the various functions of hetero-polysaccharides. (4)
(b) Write a short note on peptidoglycan. (4)

Section B

3. (a) Write the only overview of glycolysis pathway. (4)
(b) What is TCA cycle? Prove that TCA cycle is amphibolic pathway (4)

4. (a) Write the various roles of triglycerides in human. (4)
(b) What is the Rancidity? Write the various measures to prevent rancidity of fat sample. (4)

Section C

5. (a) Write the general characteristics of essential fatty acids. (4)
(b) Write a short note on Acid value of fat. (4)
6. (a) What is fat oxidation? Write the significance of fat oxidation. (4)
(b) Write the general mechanisms of fat acid biosynthesis. (4)

Section D

7. (a) Write the biological roles of calcium in biological system. (4)
(b) Write the various biological functions of magnesium. (4)
8. (a) Write the dietary sources of iron for humans. (4)
(b) Write a short note on phosphorus. (4)

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Exam Code: 108205

Paper Code: 5173

Programme: Bachelor of Science (Home Science)

Semester V

Course Title: Interior Space Designing

Course Code: BHSM-5284

Time Allowed: 03 Hours

Max. Marks: 60

Note: Attempt five questions in all, selecting at least one question from each section. The fifth question may be attempted from any section. Each question carries 12 marks.

Section A

1. What is furniture? Discuss the objectives of home furnishing in detail.
2. Which factors should be considered during designing interiors of a house?

Section B

3. Explain about the factors to be considered while selecting furniture for a house.
4. How the furniture should be arranged in the following rooms:
 - a. Dining room
 - b. Drawing room
 - c. Bedroom
 - d. Kitchen

Section C

5. Which factors should be kept in mind while planning color schemes for:
 - a. Master bedroom
 - b. Adolescent boy
 - c. Adolescent girl
 - d. Kitchen
6. Briefly explain the application of color wheel in interior designing.

Section D

7. Write about the hard and resilient floor material in detail.
8. Discuss about the soft floor material and their suitability.

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(20)

Paper Code: 5174

Programme: Bachelor of Science (Home Science)
Semester-V

Course Title: Therapeutic Nutrition

Course Code: BHSM-5285

Time Allowed: 3 Hours

Max Marks: 60

Note:- Attempt five questions in all, selecting at least one question from each section. The fifth question may be attempted from any section. Each question carries 12 marks.

Section-A

1. Discuss the role of Dietician in feeding the patients. What is the effect of illness on food acceptance and acceptance and utilization?.
2. Discuss various Nutrient and Drug interactions.

Section-B

3. Explain the etiology, symptoms and dietary management in peptic ulcer.
4. Explain the etiology, symptoms and dietary management in hepatitis.

Section-C

5. What is Diabetes Mellitus? Discuss their various causes and dietary management.
6. Explain in detail the etiology anti dietary management in atherosclerosis.

Section-D

7. What are the various stage of cancer? Discuss the symptom, etiology and dietary management in cancer.
8. Explain various causes and nutrition management for obesity?

Exam Code: 108205
(20)

Paper Code: 5175

Programme: Bachelor of Science (Home Science)
Semester-V

Course Title: Basic Concepts of Sewing and Fashion

Course Code: BHSM-5286

Time Allowed: 3 Hours

Max Marks: 60

Note: Students are required to attempt five questions, selecting at least one question from each section. The fifth question can be attempted from any Section. Each question carries (12) marks.

Section A

1. Classify sewing equipments. Explain marking and cutting equipments in detail. 12
2. What are the causes and remedies of stitching defects in a sewing machine. 12

Section B

3. Explain in detail how the fullness in dress can be achieved. 12
4. Write in detail different types of hand stitches and their types. 12

Section C

5. Define the following giving examples:
 - a) Boutique
 - b) Fashion
 - c) Silhouette
 - d) Classic Fashion 12
6. Write in detail about different types of plackets. How can they be used in different apparels? 12

Section D

7. Which factors favour fashion cycle? Explain giving examples. 12
8. Write short notes on the following:
 - a) Fashion Forecasting
 - b) Fashion Merchandising 12

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(20)

Paper Code: 5176

Programme: Bachelor of Science (Home Science)
Semester-V

Course Title: Applied Botany and Home Gardening

Course Code: BHSM-5077

Time Allowed: 3 Hours

Max Marks: 50

Note: 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 carries equal (10) marks.

SECTION- A

1. Explain the different ways to layout a garden. 10
2. Illustrate various steps followed by a gardener for preparing soil. 10

SECTION-B

3. Discuss briefly seed propagation. 10
4. Discuss natural and artificial methods of vegetative propagation. 10

SECTION-C

5. Give principle of planning, and cultivation of potato and tomato. 10
6. Write note on cultivation practices of any two- Radish, cauliflower, pea, brinjal. (5+5)

SECTION-D

7. Describe cure and cultivation of seasonal and common indoor plants. 10
8. Give general characteristics, morphology and economic importance of Algae. 10

SECTION-A

1. Explain the different ways to layout a garden. 10
2. Illustrate various steps followed by a gardener for preparing soil. 10

SECTION-B

3. Discuss briefly soil propagation. 10
4. Discuss natural and artificial methods of vegetative propagation. 10