

Exam Code: 108204
(20)

Paper Code: 4198

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

Course Title: Developmental stages till Old Age

Course Code: BHSL- 4281

Time Allowed: 3 Hours

Max Marks: 40

Note: Students are required to attempt a total of five questions, one question from each section and fifth question can be attempted from any section. Each question carries 8 marks.

Section A

1. Write a note on
 - a) Physical changes in puberty 4 marks
 - b) Social changes in adolescence 4 marks
2. What is puberty? What are the major problems that teenagers face in puberty? 8 marks

Section B

3. Explain in detail different developmental tasks of adulthood. 8marks

4. Discuss the role of parents in helping their children in the period of adolescence. 8 marks

Section C

5. Explain the role of grandparents in development of Children. 8 marks
6. What are the major physical, psychological and social changes in late adulthood? 8 marks

Section D

7. Write a note on physical and psycho-social aspects of aging. 8 marks
8. What is retirement? Write the advantages and disadvantages of retirement for elderly. 8 marks

Exam Code: 108204
(20)

Paper Code: 4199

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

Course Title: Consumer Economics

Course Code: BHSL-4172

Time Allowed: 3 Hours

Max Marks: 40

Attempt five questions, selecting at least one from each section. The fifth question may be attempted from any section. Each question carries 8 marks.

Section-I

1. What is Consumer Education? Explain the need for consumer education. 2,6
2. Discuss salient features of Consumer Protection Act 2019. 8

Section-II

3. What are Consumer Rights? How they can be Practised? 4,4
4. What are Consumer Responsibilities? How consumers can be aware about their responsibilities? 2,6

Paper Code: 4199

Section-III

- 5. What is Grading? Distinguish between Grading and Standardization. 2,6
- 6. Define Branding. Also explain advantages of Branding. 2,6

Section-IV

- 7. What is Advertising? Discuss its objectives and reasons. 2,6
- 8. What are functions and qualities of an Entrepreneur? 4,4

Exam Code: 108204
(20)

Paper Code: 4200

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

Course Title: Kitchen Design and its Equipment

Course Code: BHSM-4283

Time Allowed: 3 Hours

Max Marks: 60

Each question carries 12 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 1

1. Explain types of kitchens with diagram & its principles of planning.
2. Describe work triangle. Explain Kitchen Geometry-work heights and space dimensions for different areas of kitchen.

Section 2

3. a) Explain Equipment & its Classification
b) Selection, principle, operation, cleaning and care of pressure cooker

4. Selection, principle, operation, cleaning and care of mixer grinder, Juicer & food processor

Section 3

5. a) General characteristics, suitability & care of equipment made of following materials
1. Iron,
 2. Earthenware
 3. Copper
6. Write suitability and care of kitchen equipment's made of following materials
1. Stainless Steel
 2. Glass
 3. Nickel and Chromium

Section 4

7. Define finishes. Classify the finishes for Kitchen Equipment.
8. Explain Porcelain Enamel, Synthetic baked Enamel

Exam Code: 108204 (20) **Paper Code: 4201**

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

Course Title: Quantity Food Production and Service

Course Code: BHSM-4284

Time Allowed: 3 Hours

Max Marks: 60

Note: The candidates will attempt five questions, selecting at least one question from each section and fifth question may be attempted from any Section. Each question carries equal marks.

Section-A

1. Write down the aims and objectives of institutional/Welfare organizations. 12
2. Discuss the different methods of services in food and beverage outlets. 12

Section-B

3. What is the importance of menu planning? Write down the importance of personal hygiene of food handler in a food service unit. 12

4. Write down the process of standardization, portion control and costing of a dish. 12

Section-c

5. What is the importance of sensory and nutritional evaluation in food industry? 12
6. Write down some large quantity cooking techniques with effective use of leftovers. 12

Section-D

7. Elaborate the measures of control for infestation taken by any food industry. 12
8. Write short note on: (2x6=12)
- a) Planning of waste disposal.
 - b) Planning of service area

Exam Code: 108204

Paper Code: 4202

Programme: Bachelor of Science (Home Science)

Semester: IV

**Course Title: Traditional Embroideries, Textiles and
Costumes of India**

Course Code: BHSM-4285

Time Allowed: 3 Hours

Max Marks: 60

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

Section A

Q1 Explain

- (a) Why Chikankari is known as the embroidery of nawabs. Explain the fabric, motifs and stitches used in Chikankari.
- (b) Describe the types of stitches used in kasuti. Why is it called cotton embroidery

Q2 Explain

- (a) Why Kantha is known as the poor man's blanket? Explain its socio cultural significance, fabric, motifs and stitches used.
- (b) Explain Phulkari of Punjab.

Section B

Q3 Explain the features of

- (a) Brocades
- (b) Baluchar
- (c) Jamdani

Q4 Explain the unique features and types of Kashmir carpets and Kashmir shawls in detail.

Section C

Q5 Explain the difference between Ikat and Patola. What are different types of Patola?

Q6 Explain

- (a) Why Bandhani is a famous textile?
- (b) Why Pochampalli fabrics have a global appeal?

Section D

Q7 Explain the traditional costumes of Punjab and Bengal

Q8 How are the costumes of Kerala and Rajasthan different from others?

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Exam Code: 108204
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Paper Code: 4203

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

Course Title: Applied Physics

Course Code: BHSM-4396

Time Allowed: 3 Hours

Max Marks: 30

Note: Attempt FIVE questions, selecting at least one question from each section. The FIFTH question may be attempted from any Section. Each question carries 6 marks.

SECTION A

1. What do you mean by the term 'dispersion of light? Explain with example. (6)
2. Explain the following:
(i) Reflection
(ii) Refraction (6)

SECTION B

3. Write a detailed note on incandescent lamps. (6)
4. List down the uses of:
(i) X-rays
(ii) Microwaves

(iii) Radiowaves

(6)

SECTION C

5. What are the safety precautions to be obeyed while using electricity? (6)
6. What is a fuse? Why is it considered a safety device? List the types of fuse. (6)

SECTION D

7. Explain in detail the heating effect of current and its uses in household devices. (6)
8. Explain in detail the magnetic effect of current and its uses in an- electric motor. (6)

Exam Code: 108204
(20)

Paper Code: 4204

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

Course Title: Applied Chemistry

Course Code: BHSM-4087

Time Allowed: 3 Hours

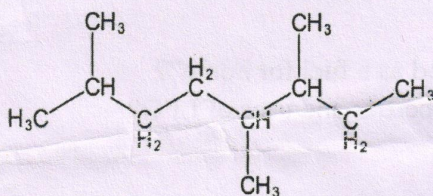
Max Marks: 30

Note: Attempt FIVE questions, selecting at least one question from each section A,B,C and D. The fifth question may be attempted from any section. Each question carries 6 marks.

SECTION-I

1. (a) Structures of some hydrocarbons are given below. Explain why the names given in the parenthesis are incorrect and give its correct and IUPAC names?

(3)



(3,4,7-Trimethyloctane)

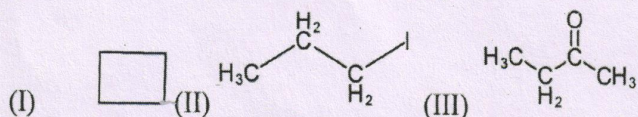
- (b) Draw the structures of the following compounds:

(3)

- (I) Cyclopentane
- (II) Aniline
- (III) Toluene

2. (a) Write IUPAC name of the following:

(3)



- (b) Draw the structures of the following compounds:

(3)

- (I) Nitromethane
- (II) Styrene
- (III) Benzaldehyde

SECTION-II

3. (a) With the help of suitable diagram discuss in detail the cleansing action of soaps. (3)
(b) Give points of difference between Soap and Detergents? (3)
4. (a) With the help of a suitable reaction explain what is Saponification? (3)
(b) What are the advantages and disadvantages of detergents over soap? (3)

SECTION-III

5. (a) Write a note on Natural Rubber and Vulcanized Rubber? (3)
(b) What is Cosmetic chemistry. Give the examples of two most commonly used cosmetics and mention their composition? (3)
6. (a) What is plastics. Give the brief classification of plastics? (3)
(b) Give a detailed note on essential composition of Cosmetics? (3)

SECTION-IV

7. (a) What are the characteristics of ideal fuel? (3)
(b) Define Calorific value? (3)
8. (a) Give a short note on "Wood as a fuel for home"? (3)
(b) Give the composition, properties and uses of LPG? (3)