

F-7454

Sub. Code

7MHF1C1

M.Sc. DEGREE EXAMINATION, APRIL 2022

First Semester

Home Science

ADVANCED FOOD SCIENCE

(CBCS – 2017 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is meant by gelatinisation?
2. Brief explain the term gluten.
3. Write short notes on quick bread.
4. What is protein concentrates?
5. Give four pigments present in vegetables.
6. List the four changes taking place in ripening of fruits.
7. Write a note on pectic substances.
8. What is stag and steer?
9. Mention four types of milk available in the market.
10. What are the uses of spices in Indian cookery?

Part B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) List the characteristics in starch.

Or

- (b) Explain 'Gluten' with reference to
(i) Properties
(ii) Formation

12. (a) Discuss the nutritional importance of pulses in Indian cookery.

Or

- (b) How do you minimize nutrients loss while you are cooking vegetables?

13. (a) Discuss 'Egg' structure with diagram.

Or

- (b) What are the factors to be considered while selecting fish?

14. (a) Write a note on nutritive value and composition of milk.

Or

- (b) List the factors affecting fat absorption.

15. (a) Classify beverages and highlights the importance of beverages.

Or

- (b) Explain the application of sugar in Indian recipes.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Discuss the role of ingredients in making cakes.
 17. Enumerate the factors affecting cooking quality of pulses.
 18. Explain the changes occur during cooking of meat and highlight the dry and moist heat methods used for cooking of meat.
 19. Describe the problems encountered in milk cookery. Explain the preventive methods of each problems.
 20. Explain the different stages of sugar cookery and give suitable example for each stage of sugar cookery.
-

F-7455

Sub. Code

7MHF1C4

M.Sc. DEGREE EXAMINATION, APRIL 2022

First Semester

Home Science

TEXTILES AND CLOTHING

(CBCS – 2017 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What are the nature fibres?
2. Mention the meaning of minor textile fibres?
3. What is weaving?
4. Write the end uses of Acrylis.
5. Discuss the short notes on Blends and mixtures.
6. What is mercerizing?
7. Give any two special finishes used in textile fabrics.
8. Briefly explain clothing budgets.
9. What you understand about resist dyeing?
10. How do you remove paint stain from the cotton clothing?

Part B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) List the manufacturing processes used in cotton and silk industries.

Or

- (b) Classify the textile fibres.

12. (a) Explain the basic weaves with figures.

Or

- (b) List the parts and functions of simple looms.

13. (a) Briefly explain the importance of wet processing of textiles.

Or

- (b) Give the list of basic finishes and explain one basic finish.

14. (a) List the factors influencing the choice of preschool children clothing materials.

Or

- (b) Discuss Laundry agents.

15. (a) Define and give the concepts of dyes.

Or

- (b) Write any two methods of dyeing the fabrics.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Classify and discuss textile fibres and give suitable examples.
 17. Explain non woven knitting with reference to
 - (a) meaning
 - (b) classification and uses.
 18. Discuss the importance of wet processing in a detailed manner.
 19. Explain Traditional textiles and embroidery in India with suitable pictures.
 20. What is printing? Explain types, principles and techniques involved in printing with suitable pictures / figures.
-

F-7456

Sub. Code

7MHF2C1

M.Sc. DEGREE EXAMINATION, APRIL 2022

Second Semester

Home Science

ADVANCED DIETETICS

(CBCS – 2017 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is meant by dyspepsia?
2. How do you prevent constipation?
3. Briefly explain the term gout.
4. Define the terms obesity and overweight.
5. Discuss briefly glomerulonephritis.
6. What is hypo and hypertension?
7. Write the types of lipoproteins.
8. Briefly give a note on urinary calculi.
9. Give classification of cancer.
10. List the danger signals of cancer.

Part B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Enumerate the principles of diet therapy.

Or

- (b) List the metabolic changes in fever.

12. (a) Write the principles of dietary management in obesity.

Or

- (b) Explain the consequences of diabetes mellitus.

13. (a) List the predisposing factors of renal diseases.

Or

- (b) How are kidney stones formed?

14. (a) Write short notes on congestive cardiac failure.

Or

- (b) Write short notes on DASH Diet.

15. (a) Give the clinical symptoms of cancer.

Or

- (b) Write the factors involved in procancer and anticancer.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Discuss peptic ulcer with reference to

- (a) predisposing factors

- (b) dietary management

17. Explain the mode of treatments of diabetes mellitus.
 18. Discuss “Dialysis” highlighting
 - (a) types and
 - (b) advantages and disadvantages of dialysis.
 19. Explain the risk factors for CVD with reference to modified, non modified and family background.
 20. Discuss cancer highlighting etiology, dietary care and chemotherapy.
-

F-7457

Sub. Code

7MHF2C3

M.Sc. DEGREE EXAMINATION, APRIL 2022

Second Semester

Home Science

FAMILY RESOURCE MANAGEMENT

(CBCS – 2017 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Write the meaning of human values.
2. Give the types of goals.
3. Define resources.
4. List the characteristics of resources.
5. Write short notes on peak loads.
6. What is real income?
7. Mention the meaning of ergonomics.
8. How do you avoid fatigueness?
9. List the importance of computers in work station design.
10. Give the types of markets.

Part B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) List the characteristics of human value.

Or

- (b) Write short notes on conventional and modern standards.

12. (a) Classify resources and give suitable examples.

Or

- (b) What are the factors affecting the use of resources?

13. (a) How do you manage 'time'? And given time norms.

Or

- (b) What are the sources of Income?

14. (a) List the scopes and importance of ergonomics.

Or

- (b) Discuss work simplification.

15. (a) What are the concept of marginal utility?

Or

- (b) Enumerate the five problems faced by consumers.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Discuss 'Goals' with reference to

- (a) meaning
(b) Characteristics and factor influencing goals.

17. Explain the steps involved in decision making and give suitable examples.
 18. Enumerate the tools to be considered in time management.
 19. Write an essay on ergonomics and work environment.
 20. Discuss the current status of consumer in India and highlights their rights and responsibilities.
-

F-7458

Sub. Code

7MHF2E2

M.Sc. DEGREE EXAMINATION, APRIL 2022

Second Semester

Home Science

Elective – HUMAN DEVELOPMENT

(CBCS – 2017 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define conception.
2. List the types of birth.
3. Define development.
4. Define Nearing.
5. Brief on impetigo.
6. Define ECE.
7. What is intellectual development?
8. Define peer group.
9. List the essentials of playschool
10. Write on emotionally challenged children.

Part B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Explain on antenatal care.

Or

- (b) Brief on process of Birth.

12. (a) Discuss on concepts of maturation.

Or

- (b) Brief on care in babyhood.

13. (a) Detail on parenting during childhood.

Or

- (b) Brief on early childhood education.

14. (a) Enumerate on the behavioural problems among children.

Or

- (b) Write shortly on academic performance of children in school.

15. (a) Enumerate the importance of preschool education.

Or

- (b) Write on the role of audio visual aids in preschool education.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Enumerate the stages of prenatal development.

17. Explain on the deficiency diseases among children.

18. Distinguish between infancy and early childhood development.
 19. Discuss on the social influences during childhood.
 20. Classify the children with special need.
-

F-7460

Sub. Code

7MHF4C1

M.Sc. DEGREE EXAMINATION, APRIL 2022

Fourth Semester

Home Science

INSTITUTIONAL FOOD SERVICE MANAGEMENT

(CBCS – 2017 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is chain hotels?
2. Briefly explain outdoor catering.
3. Mention styles of service.
4. Define work simplification.
5. What is meant by 'goals'?
6. List steps involved in management process.
7. Explain shortly on food cost.
8. Write a note on control of stock.
9. Give the uses of computer in catering.
10. Write any two major causes of accidents in food industry.

Part B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Briefly explain Hotel and Motel.

Or

- (b) What is residential establishment of catering?

12. (a) Write “French classical menu”, briefly.

Or

- (b) Bring out the importance of portion control.

13. (a) Explain briefly “management process”.

Or

- (b) How do you manage left over in kitchen?

14. (a) Enumerate the types of decisions.

Or

- (b) Mention the methods of resolving conflicts.

15. (a) Give the types of cost control.

Or

- (b) What are the difference between recipes and menus?

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Discuss the history of catering industry and list out the basic principle of management in food service units.
17. Explain the following aspects :
 - (a) Standardization of recipes
 - (b) Portion control and
 - (c) Work simplification
18. Enumerate the steps involved in decision making and give suitable examples.
19. Discuss the role of computers in catering and also mention the uses for the control of stock.
20. Explain the measures involved to maintain kitchen sanitation and personal hygiene.

F-7461

Sub. Code

7MHF4C2

M.Sc. DEGREE EXAMINATION, APRIL 2022

Fourth Semester

Home Science

HOME SCIENCE EXTENSION EDUCATION

(CBCS – 2017 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define Home Science Extension.
2. List any four principles of extension Education.
3. Define administrative setup.
4. Give any four role of extension personal.
5. What is meant by mass approach?
6. Define Satellite Communication.
7. List any four principles of programme planning.
8. Define programming evaluation.
9. What is meant by socioeconomic programmes?
10. Define social forestry.

Part B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Enumerate on the home science extension in the National development.

Or

- (b) Discuss on the concepts of extension education.

12. (a) Brief on the administrative setup at state level.

Or

- (b) Write about the qualities of women extension workers.

13. (a) Enumerate on communication approaches.

Or

- (b) Differentiate between extension and formal education.

14. (a) Brief on the analysis of a concept.

Or

- (b) Discuss on the scope of extension.

15. (a) Explain on the principles of community development.

Or

- (b) Describe on the importance of the extension training institution.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Explain on the role of extension education with other social sciences.
 17. Detail on the qualities and training of women extension worker.
 18. Enumerate on the teaching tools.
 19. Discuss on the developing plan of work by giving an example.
 20. Describe on the socioeconomic programmes.
-