

**R6566**

**Sub. Code**

**453N06**

**M.A DEGREE EXAMINATION, APRIL – 2022**

**Eighth Semester**

**Home Science (Specialization – I: Nutrition & Dietetics)**

**FOOD PRODUCT DEVELOPMENT AND MARKETING**

**(CBCS – 2018 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. Define Health Concern.
2. List any two steps involved in food product authorisation.
3. What is a traditional food products?
4. Define primary packaging.
5. What do you mean by Evaluation?
6. Write a short note on project report.
7. List any two food products for nursing mother.
8. Name any two therapeutic uses of new food product.
9. Write about the note of Export promoting Agencies.
10. Define inspection.

**Part B**

(5 × 5 = 25)

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

11. (a) Explain the impact of market place influence and technology

Or

- (b) List out five reasons for new product development.

12. (a) Mention any five advantages of packaging.

Or

- (b) Write a short note on proximate analysis of new product.

13. (a) SWOT analysis - Discuss.

Or

- (b) Explain the method of Arrangement of inputs.

14. (a) Bring out your own new food product for sports person.

Or

- (b) What are the functions of FSSAI Regulations, 2011?

15. (a) Mention any five roles of advertising a new food product.

Or

- (b) Export Quality control and Inspection Act, 1963 – Explain.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Describe the key division throughout the stage gate process of product development.
17. Explain the proximate analysis and shelf life studies of the food product development.

18. Elaborate the case study of Food Processing.
  19. Mention the principles and criteria for formulation of new food products for pregnant mother.
  20. Explain the role of Advertisement and technologies in promotion of new products.
-

**R6567**

**Sub. Code**

**453N07**

**M.A. DEGREE EXAMINATION, APRIL – 2022**

**Eighth Semester**

**Home Science (Specialization-I: Nutrition and Dietetics)**

**FOOD MICROBIOLOGY**

**(CBCS – 2018 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. Where do most incidences of food borne illness occur?
2. Give the name of two largest bacteria.
3. Explain water activity.
4. Define moisture.
5. What is food infection?
6. Define Intoxication.
7. Expand ATP.
8. What is preservation of food?
9. List out the physical methods used to preserve foods.
10. Expand MAP and CAP.

**Part B**

(5 × 5 = 25)

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

11. (a) Explain the classification of microorganism.

Or

- (b) Write the importance of microorganisms in food?

12. (a) What are the factors responsible for microbial spoilage?

Or

- (b) What are the changes caused by microorganisms during spoilage?

13. (a) Discuss the Bacteriological Examination of water.

Or

- (b) How will you prevent water borne diseases?

14. (a) Explain the rapid methods for detecting toxins in food.

Or

- (b) Explain Dye Reduction Test.

15. (a) Write short notes on chemicals used in food preservation.

Or

- (b) What are the classification of food preservation?

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Explain the importance of different microbial groups in food microbiology.

17. Give an account of the diseases causes by spoiled foods.

18. Write in detail about food borne diseases.
  19. Elaborate the methods for the microbiological examination of foods.
  20. What are the principles and classifications of food preservation?
-

**R6568**

**Sub. Code**

**453N08**

**M.A. DEGREE EXAMINATION, APRIL – 2022**

**Eighth Semester**

**Integrated Home Science (Specialization I Nutrition and  
Dietetics)**

**MACRONUTRIENTS**

**(CBCS – 2018 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. Define thermogenesis.
2. What is energy balance?
3. Write about the two functions of carbohydrates.
4. Define digestion.
5. List out the classification of Amino Acids.
6. Write any two functions of protein.
7. Write a short note on deposition of fat.
8. Define biosynthesis.
9. Write two types of fibre.
10. Write the sources of fibre.

**Part B**

(5 × 5 = 25)

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

11. (a) Write about the components of energy expenditure.

Or

- (b) Explain the role of fat in energy metabolism.

12. (a) Glycolysis-Explain.

Or

- (b) Discuss the digestion and absorption of carbohydrates in the diet.

13. (a) Elaborate the utilization of protein.

Or

- (b) Explain about the urea formation.

14. (a) Discuss the utilisation of fat.

Or

- (b) Write in detail about the classification of fats.

15. (a) Elaborate the good sources of fibre and its role in the diet.

Or

- (b) How will you provide five tips to increase dietary fibre?



**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Discuss the utilisation of energy in cells and explain energy balance.
  17. Gluconeogenesis-Explain.
  18. Discuss the general pathways of protein metabolism.
  19. Write the functions of fats. Explain the oxidation of saturated and unsaturated fatty acids.
  20. Discuss the role of dietary fibre in diet.
-

**R6569**

**Sub. Code**

**453EC2**

**M.A. DEGREE EXAMINATION, APRIL – 2022**

**Eighth Semester**

**Home Science (Specialization – I: Nutrition And  
Dietetics)/(Spl-I: Fashion Technology And Garment  
Construction)**

**WOMEN AND REPRODUCTIVE HEALTH**

**(Common for M.A. Home Science (Fashion Technology  
and Garment Construction)/  
M.A. Home Science (Nutrition and Dietetics))**

**(CBCS – 2018 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. Define maternal mortality.
2. What is sex ratio?
3. What do you mean by population growth?
4. Give any two types of population.
5. List out the determinants of reproductive health.
6. List any two problems in reproductive health.
7. Name any two choices of contraceptives
8. Define family planning.

9. Write two roles of population growth.
10. Name the programs conducted with special reference to women.

**Part B** (5 × 5 = 25)

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

11. (a) Explain the determinants of infant mortality.

Or

- (b) What are the elements of population dynamics?

12. (a) What are the factors that affect population growth?

Or

- (b) Write a short note on characteristics of population growth.

13. (a) What are the difficulties the woman faced with reproductive health?

Or

- (b) Write about the determinants of reproductive health.

14. (a) Write about the choices of contraceptives.

Or

- (b) What are the advantages of using contraceptives?

15. (a) Write the objectives on planning a program on reproductive health.

Or

- (b) What are the factors responsible for the population explosion in India?

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Explain the determinants of population dynamics.
  17. What are the major determinants of population growth? Explain.
  18. List out some measures that one should be taken for awareness of reproductive health.
  19. Explain the gender bias in contraceptive technology.
  20. What are the objectives and components of Beijing Conference report dealing with reproductive health – Explain.
-

**R6570**

**Sub. Code**

**453EC3**

**M.A DEGREE EXAMINATION, APRIL – 2022**

**Eighth Semester**

**Home Science (Specialization – I : Nutrition & Dietetics)**

**FOOD SERVICE MANAGEMENT**

**(CBCS – 2018 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. Give any two food service units.
2. Write any two characteristics of food service units.
3. What is Catering Management?
4. List out the types organization chart.
5. List out the sources of finance.
6. What do you mean by equipment management?
7. Define menu planning.
8. How do you plan menu for Banquet?
9. What are the components of cost Financial management?
10. What is sales Analysis?

**Part B**

(5 × 5 = 25)

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

11. (a) Differentiate Hotel and Motel.

Or

- (b) Write about the characteristics of Restaurant.

12. (a) What are the factors of management?

Or

- (b) Differentiate between conceptual strategy and marketing strategy.

13. (a) What are the factors involved in selection of an equipment?

Or

- (b) List out the steps in planning Layouts.

14. (a) Explain the selection and purchasing materials for Restaurant.

Or

- (b) Motivation and Performance Appraisal – Explain.

15. (a) Sales Analysis – Explain.

Or

- (b) How will you analyse the Quality assurance of processed and finished products?

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Explain the two main segments of food service operation and give at least three examples of each.

17. Explain the planning strategies in Finance and Marketing.
  18. How to determine in finance needed to establish or Run an unit – Explain.
  19. State the points that must be considered in planning outdoor catering.
  20. Write any essay on financial management.
-

**R6571**

**Sub. Code**

**453F06**

**M.A. DEGREE EXAMINATION, APRIL – 2022**

**Eight Semester**

**Home Science (Specialization – II : Fashion Technology  
and Garment Construction)**

**FASHION AND CLOTHING PSYCHOLOGY**

**(CBCS – 2018 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. Name four factors that influence fashion changes.
2. Give examples for repetition of fashion.
3. Explain Trickle up theory.
4. Who is a fashion victim?
5. What is a Signage?
6. Brief on Mannequins.
7. List the types of fashion designers.
8. Name two village Indian designers.
9. Write about Italy as a world fashion centre.
10. Write about designers from far eastern countries.



**Part B**

(5 × 5 = 25)

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

All questions carry equal marks.

11. (a) Brief on clothes as Sex appeal.

Or

- (b) Describe about political and seasonal influence on fashion changes.

12. (a) Write a note on market research.

Or

- (b) Discuss about fashion services and resources.

13. (a) Brief on the Elements of Display.

Or

- (b) Explain about window display.

14. (a) Explain about Wendell Rodricks and Sangeethe Chopra.

Or

- (b) Discuss about Studio line designers.

15. (a) List and explain the world fashion centres.

Or

- (b) Discuss about the fashion designers from Britan.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

All questions carry equal marks.

16. Discuss about Psychological needs of fashion and Social Psychology of fashion.

17. With illustration explain Fashion cycle and length of cycles.

18. Define fashion show and explain the various steps in executing the same.
  19. List the Haute couture fashion designers of India and explain the contribution of any two of them in detail.
  20. Discuss about the contribution of designers from France.
-

**R6572**

**Sub. Code**

**453F07**

**M.A. DEGREE EXAMINATION, APRIL – 2022**

**Eighth Semester**

**Home Science (Specialization – II : Fashion Technology  
and Garment Construction)**

**ADVANCED GARMENT CONSTRUCTION**

**(CBCS – 2018 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. What is the need for body measurements?
2. Define standardization.
3. Define Selvedge.
4. What is the purpose of interfacing?
5. Design a party wear Kameez for a teenage girl.
6. Design a ladies top for a evening wear.
7. Illustrate a T shirt for casual wear.
8. Illustrate a bell bottom trouser.
9. Illustrate a cushion cover.
10. State the uses of curtains.

**Part B**

(5 × 5 = 25)

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

All questions carry equal marks.

11. (a) Explain about standardized body measurements.  
Or  
(b) List and explain the important body measurements.
12. (a) Define grain and explain the various grain lines in a fabric.  
Or  
(b) How can you check and straighten fabric grain?
13. (a) Design a skirt and describe its drafting procedure.  
Or  
(b) Design a nighty and give its construction details.
14. (a) Give the drafting procedure for a narrow bottom trouser.  
Or  
(b) Describe the construction details of a T shirt.
15. (a) Differentiate between curtains and draperies.  
Or  
(b) How will you select material for pillow covers?

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

All questions carry equal marks.

16. Explain about eight head theory.
17. Explain the step by step procedure for developing basic front block.

18. Design a blouse, state its drafting procedure and construction details.
  19. Design a full sleeve shirt and give its drafting procedure.
  20. Discuss about selection and use of home furnishings.
-

**R6573**

**Sub. Code**

**453F08**

**M.A. DEGREE EXAMINATION, APRIL – 2022**

**Eighth Semester**

**Home Science (Specialization – II : Fashion Technology  
and Garment Technology)**

**FASHION MARKETING**

**(CBCS – 2018 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. Define Marketing.
2. What do you mean by micro marketing environment?
3. What do you mean by product mix?
4. Explain the term range planning.
5. Define fashion advertising.
6. Explain point of purchase.
7. Define merchandising.
8. List the types of merchandiser.
9. Define costing.
10. Who is a seller?

**Part B**

(5 × 5 = 25)

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

All questions carry equal marks.

11. (a) Discuss about trends in marketing management.

Or

- (b) Write a note on fashion market size.

12. (a) Write a note on product planning and development.

Or

- (b) Brief on fashion product cycles.

13. (a) Brief on the various departments and agencies involved in fashion advertising.

Or

- (b) Write about communication and fashion promotion.

14. (a) Describe the role of a merchandiser.

Or

- (b) Write about domestic market environment.

15. (a) Write a short note on buyer seller meet.

Or

- (b) State the importance of costing.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

All questions carry equal marks.

16. Elaborate on marketing environment.

17. Define and classify marketing function.

18. State the objectives of sales promotion and also explain its types.
  19. Explain the channels of distribution.
  20. Discuss about the promotional activities of government organization.
-