R8232	Sub. Code
	453N05

M.A. DEGREE EXAMINATION, APRIL – 2023

Eighth Semester

Home Science (Spl. I : Nutrition and Dietetics)

ADVANCED NUTRITION AND INTERMEDIARY METABOLISM

(CBCS – 2019 onwards)

Time : 3 Hours　　　　　　　　　Maximum : 75 Marks

Part A　　　　　　　$(10 \times 2 = 20)$

Answer **all** the questions.

1. Expand BMR and RMR

2. Define Thermogenesis

3. List out four names of food which is high is GI.

4. List out the causes of PEM.

5. List the name of visible and invisible fats.

6. Expand LDL, VLDL and HDL.

7. Why is calcium important for the body?

8. Mention the trace minerals.

9. What are the extra cellular body fluids?

10. Define cyanogenic compounds.

Part B $(5 \times 5 = 25)$

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

11. (a) How do you estimate Basal Metabolic Rate by calculation?

Or

(b) Explain the non-caloric methods used to determine total energy requirement.

12. (a) Write a short note on digestion and absorption process of carbohydrates.

Or

(b) Briefly explain on physiological functions of protein.

13. (a) What are the role of lipoproteins in health?

Or

(b) Discuss the functions and food sources of fat-soluble vitamins.

14. (a) Discuss the functions of sodium and potassium in the body.

Or

(b) List out the food sources of selenium, cobalt, chromium.

15. (a) Write the physiological functions of water in the body.

Or

(b) Explain the health benefits of polyphenols.

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Answer any **three** questions.

16. Discuss the factors influencing BMR.

17. Explain the role of amino acids in growth and development.

18. Elaborate on the physiological and therapeutic effects of vitamins.

19. Explain the interrelationship between vitamins and minerals in metabolism.

20. Elucidate the health problems due to deficit and excess of water in the body.

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M.A. DEGREE EXAMINATION, APRIL – 2023

Eighth Semester

Home Science (Spl. I : Nutrition and Dietetics)

THERAPEUTIC NUTRITION

(CBCS – 2019 onwards)

Time : 3 Hours   Maximum : 75 Marks

Part A $(10 \times 2 = 20)$

Answer **all** the questions.

1.   List the name of different type of Routine Hospital Diets.

2.   Define Peptic Ulcer.

3.   Mention any two functions of Liver.

4.   What is meant by Nephrosclerosis?

5.   Define Atherosclerosis

6.   List out the types of Anemia

7.   Mention the name of artificial sweeteners.

8.   Write any two low Glycemic Index Foods.

9.   Define Parkinson's disease.

10.   Write down the symptoms of Alzheimer disease.

Part B $(5 \times 5 = 25)$

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

11. (a) Discuss the diet planning and use of exchange list in nutrient calculation.

Or

(b) What is Malabsorption Syndrome? Write its etiology, symptoms and modification of diet.

12. (a) Write a short note on causes, symptoms and dietary management of Hepatic Coma.

Or

(b) Distinguish between acute and Chronic Renal Failure.

13. (a) Give an account on role of fat in the development of Atherosclerosis.

Or

(b) Explain the principles and dietary management of Hypertension.

14. (a) Define pancreatitis and explain the acute and chronic Pancreatitis.

Or

(b) Describe the nutritional problems of Cancer therapy.

15. (a) Write in detail on clinical features and dietary treatment of Osteomalacia.

Or

(b) Briefly explain the importance of oral health and write the prevention and treatment of Dental Caries.

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Answer any **three** questions.

16. Elaborate the preoperative nutritional assessment and diet in therapeutic diets.

17. Critically examine the different kinds of dialysis and its characteristics in kidney disease.

18. Elucidate the aetiology, types and principles of dietetic management of Obesity

19. Write an essay on Diabetes Mellitus.

20. Give a critical evaluation of nutritional problems and nutritional requirements of HIV patients.

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R8234	**Sub. Code**
	453EC3

M.A. DEGREE EXAMINATION, APRIL – 2023

Eighth Semester

Integrated Home Science

(Nutrition and Dietetics/ Textile and Clothing)

WOMEN AND HEALTH

(Common for M.A. Home Science (Nutrition and Dietetics)/ Textile and Clothing)

(CBCS – 2019 onwards)

Time : 3 Hours   Maximum : 75 Marks

Part A   (10 × 2 = 20)

Answer **all** questions.

1.   Distinguish between mortality and morbidity.

2.   Define health.

3.   What is amniocentesis test?

4.   State about health care.

5.   Give the objectives of UNICEF.

6.   List any two deficiencies of PEM.

7.   List any two common occupational health hazards.

8.   How do you take care of a LGBTQ patient?

9.   Expand MCH and state its importance

10.   Write the importance of nutrition health policies.

Part B (5 × 5 = 25)

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

11. (a) Give an account on the health care of women.

Or

(b) Explain the status of child sex ratio.

12. (a) Write a note on IVF and surrogacy.

Or

(b) Give a brief account on hormonal replacement therapy during menopause.

13. (a) Discuss the importance of nutritional need during lactation.

Or

(b) Why anaemia is common during pregnancy? What measures should be taken for its prevention.

14. (a) What are the health issues related to sex workers?

Or

(b) Elucidate on women with disabilities.

15. (a) Describe on ICPD.

Or

(b) Give a brief account on RCH approaches.

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Part C $(3 \times 10 = 30)$

Answer any **three** questions.

16. Discuss in detail about the factors influencing women health.

17. Explain the importance of menstrual hygiene management.

18. Breast milk is the Best milk — Justify.

19. Briefly explain about feminization of HIV and AIDS

20. Elaborate on ICDS and NRHM.

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