



**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH**  
**(A DEEMED TO BE UNIVERSITY)**

**Integrated B.Sc.-M.Sc. Clinical Nutrition and Dietetics (CND)**  
**Second Year, Semester- IV, September 2021 Examination**

**Time- 2 Hrs**

**[Max Marks: 50]**

**MEDICAL NUTRITION MANAGEMENT-II**  
**QP Code: N4082**

Your answer should be specific to the question asked  
Draw neat labeled diagrams wherever necessary

**LONG ESSAY**

**2x6= 12 Marks**

1. Explain the medical nutritional management for patients with dialysis
2. Explain the nutrition therapy for patients with chronic obstructive pulmonary diseases

**SHORT ESSAY**

**6x4=24 Marks**

3. Explain the risk factors for dyslipidemia
4. Describe the pathophysiology of hypertension
5. Explain the nutritional therapy for osteoporosis
6. Describe the nutritional management of osteoarthritis
7. Define nephrotic syndrome. List the causes for nephritic syndrome
8. Describe the medical nutritional management for lung cancer

**SHORT ANSWER**

**7x2=14 Marks**

9. Define muscular dystrophy
10. Define osteomyelitis
11. Mention the causes of urinary tract infection
12. List the signs and symptoms of glomerular nephritis
13. Define cystic fibrosis
14. Mention sign and symptoms for myocardial infraction
15. List major non-modifiable risk factors for CHD

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**NUTRITION THROUGH LIFE SPAN- II**  
QP Code: N4092

Your answer should be specific to the question asked  
Draw neat labeled diagrams wherever necessary

**LONG ESSAY**

2x6= 12 Marks

1. Discuss the common nutritional problems for school age children
2. Discuss the life cycle stages and importance of nutrition

**SHORT ESSAY**

6x4=24 Marks

3. Explain the interpretation of growth data for newborn infants
4. Explain the signals of enough foods for infants
5. Discuss the babies are sick during feeding
6. Differentiate between preterm and term infants feedings
7. Explain the protein requirements for toddlers and preschool children
8. Discuss the importance of Vegetarian diets on children growth and development

**SHORT ANSWER**

7x2=14 Marks

9. Mention the vitamins and mineral requirements for newborn infants
10. Define failure to thrive
11. Mention the risk factors of Iron deficiency Anemia for infants
12. Mention the survival rate of infant at risk
13. List the characteristics of preschooler stage of development
14. List the feeding problems of toddlers and preschoolers
15. Mention the health statistics of Child and Preadolescent

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**FOOD PROCESSING & TECHNOLOGY**  
**QP Code: N 4120**

*Your answers should be specific to the question asked  
Draw neat labelled diagrams wherever necessary*

**LONG ESSAY**

2×6=12 Marks

1. Explain in detail the process of zein protein extraction.
2. Elaborate on the process of Refrigeration of foods.

**SHORT ESSAY**

6×4=24 Marks

3. Discuss the action of various leavening agents.
4. Explain the influence of popping and puffing on the nutritional quality of millets
5. Define canning and explain the types.
6. Discuss the steps involved in modern milling of wheat.
7. Write a note on industrial products from legumes.
8. Explain the various chemical changes associated with slaughtering the animal

**SHORT ANSWER**

7×2=14 Marks

9. Write the importance of bleaching of flours
10. Define Rigor Mortis
11. Define Water Activity
12. Degumming.
13. Types of heat transfer
14. Name the different types of proteins found in corn
15. WPC

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