



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

Integrated B.Sc.-M.Sc. Clinical Nutrition and Dietetics (CND)

Third Year, Semester- V, March/April - 2025 Examination

Time- 2.30 Hrs

[Max Marks: 80]

MEDICAL NUTRITION MANAGEMENT-III

QP Code: N5423

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

LONG ESSAY

2x10=20 Marks

1. Define developmental disabilities. Explain the principles of nutrition care for patients with developmental disabilities
2. Explain how HIV is transmitted, and list risk factors associated with an HIV infection

SHORT ESSAY

6x5=30 Marks

3. Explain the phases of carcinogenesis
4. Describe the nutrition therapy for Alzheimer disease
5. Explain the pathophysiology for cerebrovascular accidents
6. Describe the nutritional management of food intolerance
7. Define Galactosemia. Explain nutrition management
8. Explain the importance of nutrition assessment child with cerebral palsy

SHORT ANSWER

10x3=30 Marks

9. Mention the Characteristics of pervasive developmental disorder
10. List the symptoms of food allergy
11. Mention the consequences of Down's syndrome
12. List the signs and symptoms of depression
13. Define Argininosuccinic aciduria
14. Mention symptoms for multiple sclerosis
15. Define neoplasm and mention its types
16. Define Maple syrup urine disease
17. Define ketogenic diet
18. Mention Clinical Manifestations seizures

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



**Integrated B.Sc.-M.Sc. Clinical Nutrition and Dietetics (CND)
Third Year, Semester- V March/April 2025 Examination**

Time- 2.30 Hrs

[Max Marks: 80]

NUTRITION THROUGH LIFE SPAN-III

QP Code: N5433

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

LONG ESSAY

2X10=20Marks

1. Discuss the common nutritional problems for adolescent age.
2. Discuss the etiology and nutritional interventions for cognitive disorders.

SHORT ESSAY

6X5=30 Marks

3. Explain the food safety recommendations for older adults.
4. Define CVD and explain the nutritional recommendations for hypertension.
5. Explain the chronic consumption of alcoholic beverages and its impact on health.
6. Explain the nutritional assessment for obesity.
7. Discuss the Physiological effects of macronutrients on diabetes.
8. Explain the special dietary practices for adolescent athletes.

SHORT ANSWER

10X3=30Marks

9. Mention the signs and etiology of atherosclerosis.
10. Define dehydration and classify it with rehydration.
11. Define dementia and list the etiology of dementia.
12. Mention the risk factors of Iron deficiency Anemia for adults.
13. Mention the nutrient requirements for adolescents.
14. List the factors affecting physical activity in adolescents.
15. List the national nutritional programs for adolescents.
16. Mention the risk factors of Cardiovascular diseases.
17. List the nutritional remedies for hypertension.
18. Mention the nutrient intervention for metabolic syndrome.

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



Integrated B.Sc.-M.Sc. Clinical Nutrition and Dietetics (CND)

Third Year, Semester- V March/April- 2025 Examination

Time- 2.30 Hrs

[Max Marks: 80]

NUTRITION AND FITNESS

QP Code: N5470

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

LONG ESSAY

2x10= 20 Marks

1. Explain the various causes of fatigue during exercise and discuss nutritional interventions that may help delay the onset of fatigue.
2. Describe the significance of physical fitness in the prevention and management of obesity

SHORT ESSAY

6x5=30Marks

3. Discuss the role of exercise in health promotion?
4. Explain the exercise regimes of prenatal fitness
5. Discuss the role of dietary supplements as ergogenic aids to sports performance.
6. Explain the role of protein in human energy systems during exercise.
7. Explain the role of exercise as a means of helping prevent the development of cardiovascular disease.
8. Describe the various classes of vegetarians and their potential health benefits.

SHORT ANSWER

10x3=30 Marks

9. List the various means whereby energy expenditure during exercise
10. What is a balanced diet?
11. Define health and fitness
12. Identify the principal water compartments in the body
13. Identify the three major human energy systems
14. Mention the sports drinks
15. Define Voluntary Dehydration
16. Mention the pregame meals
17. Mention the postgame meals
18. Mention the importance of traditional foods in fitness



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH

(A DEEMED TO BE UNIVERSITY)

Integrated B.Sc - M.Sc Clinical Nutrition and Dietetics (CND)

Third Year, Semester- V, March/April 2025 Examination

Time- 2.30 Hrs

[Max Marks: 80]

DIETARY COUNSELLING

QP Code: N5480

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

LONG ESSAY

2x10= 20 Marks

1. Define counselling. Explain theories of nutrition counselling
2. Discuss two ways in which counselling within the nutrition care process is important to the work of the nutrition counsellor

SHORT ESSAY

6x5=30 Marks

3. Explain the basic principle of diet counseling
4. Explain the nature of change for readiness
5. Describes how could you get more support for yourself?
6. Describe the Enabling conditions for successful appointments
7. Necessary conditions for productive behavioral counseling
8. Describe the challenges of dietician in pediatric setups.

SHORT ANSWER

10x3=30 Marks

9. List the causes of reactions to change
10. List the examples of echoes within of counselling
11. Training in counselling
12. List the stages in adopting change
13. Different approaches to counselling
14. List the factors involved in dietary assessment
15. Mention the NCP recommendations in dietary counseling
16. Mention appropriate action responses to given client statements
17. Name the issues arising in the relationship between patient and dietician
18. Mention the stages of change to goal setting by asking appropriate questions

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



Integrated B.Sc. - M.Sc. Clinical Nutrition and Dietetics (CND)

Third Year, V-Semester March/April 2025 Examination

Time: 2Hrs 30 minutes

Max Marks: 80

NUTRITION AND IMMUNITY

QP Code: N5490

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

LONG ESSAY

2×10=20 Marks

1. Explain the functions of micronutrients in the immune system of HIV infected patients.
2. Discuss in detail the mechanism of functioning of the innate/ nonspecific immune system.

SHORT ESSAY

6×5=30Marks

3. Explain phagocytosis
4. Explain the Criteria of Probiotics for Human Use
5. Discuss the role of Elimination Diets for the Treatment of Allergies
6. Explain the types of Vaccines
7. Explain the role of EPA and DHA on innate immune function
8. Describe the structure of immunoglobulin

SHORT ANSWER

10×3=30 Marks

9. Define protein energy malnutrition
10. List a few sources of prebiotics
11. Define oxidative stress
12. Present the WHO clinical classification of ARI
13. Tier System
14. Adaptive immune system
15. IgA antibody
16. Acute Gastroenteritis
17. Breast milk components
18. Define Reductive Adaptation