

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, April - 2024 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. Describe the process of tumor formation. What factors contribute to cancer development?
2. Explain pathophysiology and nutrition therapy for Maple syrup urine disease

SHORT ESSAY

6x5=30 Marks

3. Explain the etiological factors for Adverse reactions to food
4. Discuss the nutrition care process child with developmental disabilities
5. Describe the pathophysiology and nutrition therapy fatty acid metabolic disorders
6. Explain the stages of HIV infection
7. Explain the etiology and pathophysiology for Amyotrophic lateral sclerosis
8. Discuss the medical nutrition therapy for Guillain-Barré syndrome

SHORT ANSWER

10x3=30 Marks

9. Define Myasthenia Gravis
10. List the symptoms of Dementia
11. Define cancer
12. Mention the general goals of medical nutrition therapy for genetically metabolic disorders
13. List the symptoms of Food-Induced Anaphylaxis
14. What is Attention-Deficit/Hyperactivity Disorder?
15. What is cancer cachexia?
16. Define Anorexia Nervosa
17. Mention the clinical presentation of Propionic aciduria
18. Define neurotransmitters and mention its functions

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

April 2024 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=20

1. Explain health implications, assessment and treatment of adolescent overweight and obesity.
2. Describe cognitive behavioral therapy and physical activity for weight management among adults.

SHORT ESSAY

6X5=30

3. Discuss the etiology of atherosclerosis.
4. Discuss the nutrition interventions for metabolic syndrome.
5. Describe the age related changes in energy expenditure.
6. Discuss the importance of nutritional care for cancer.
7. Discuss the wear-and-Tear theories of aging.
8. Describe the cross –cultural considerations in making dietary recommendations.

SHORT ANSWER

10X3=30

9. Define stroke. List the sign and symptoms of Stroke.
10. Mention the exercise guidelines for older adults.
11. Define osteoporosis and list the risk factor for osteoporosis.
12. List the nutritional remedies for cardiovascular diseases.
13. Mention the causes of gastro esophageal reflux disease.
14. Define dehydration and list the signs and symptoms of dehydration.
15. Define Alzheimer's disease and list the etiology of cognitive disorder.
16. Mention the recommendations of fluids for older adults.
17. List the complications of uncontrolled diabetes.
18. Mention nutrition assessment components for HIV patients.

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

April 2024 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. Illustrate the role ergogenic aids in muscle building, recovery and anti-inflammation.
2. Describe the carbohydrates dynamics in exercise

SHORT ESSAY

6x5=30 Marks

3. Discuss the role diet in pre-exercise and post exercise
4. Discuss the role of physical activity and fitness in the prevention of CVD.
5. Explain the role of yoga and meditation in maintenance of health and fitness
6. Describe the role of the glycemic index in pre and post exercise glycogen replenishment
7. Discuss the role of fitness and nutrition in weight control
8. Explain the effects of dehydration in high intensity exercise

SHORT ANSWER

10x3=30 Marks

9. Define weight cycling
10. Mention the principles of good eating
11. Define energy balance
12. Mention the inter-relationship between nutrition and physical fitness
13. Mention the nutritional goals in prevention of diabetes mellitus
14. Define Nutrition periodization
15. Mention the Carbohydrate Recommendations for athletes
16. Mention the diets for person with high energy requirement.
17. Role of fat during exercise
18. Role Ayurveda for health and 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, April/May 2024 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. Explain the stages of change to goal setting by asking appropriate questions in nutrition counselling
2. Explain the theories and strategies to treat inappropriate eating behaviours contributing to weight gain as a part of nutrition intervention

SHORT ESSAY

6x5=30 Marks

3. Explain the Dealing with aggressive behaviour
4. Explain the Adapting to change
5. Discuss the steps involved in counseling
6. Describes What the patient wants for counselling
7. Discuss the Building self-esteem
8. Explain the role and responsibilities of dietician

SHORT ANSWER

10x3=30 Marks

9. List the factors involved in attending to non-verbal communication
10. Who seeks counselling?
11. Distinguish between discrepancies and incongruities
12. Mention the developing powers of observation
13. Barriers to attending
14. Bereavement
15. Guidelines for handling the absent parent situation
16. Mention the core conditions for a helping relationship
17. Mention motivational strategies during counselling
18. Define nutrition care process

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 April/May 2024 Examination.

Time: 2.30 Hrs

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. Discuss the Principles of Effective Staged Treatment of children with Severe Under nutrition.
2. Explain the role of nutrition intervention as an adjuvant to prevent and treat diarrhoea

SHORT ESSAY

6×5=30 Marks

3. Explain the action of complement system
4. Write the role of antioxidants in immunity
5. Explain the pathways of spread and transmission of microorganisms in RTI.
6. Discuss the immune system of the gut.
7. Explain the role of Vit-C and immune function.
8. Describe the structure of immunoglobulin

SHORT ANSWER

10×3=30 Marks

9. Define Reductive Adaptation
10. List the sources of Antioxidant Vitamins
11. List the role Anti-IgE
12. List Composition of the Human Intestinal Microflora
13. AIDS
14. MHC classes
15. Phagocytosis
16. Tier system
17. Hypersensitivity
18. Autoimmune disorder