

**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, February-2020 Examination.**

Time- 2 Hrs.

[Max Marks: 50]

**Medical Nutrition Management-III
QP Code: N5083**

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

LONG ESSAY

2x6= 12 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

6x4=24 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

7x2=14 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?

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NUTRITION THROUGH LIFE SPAN- III

QP Code: N5093

*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 adolescent age
2. Discuss the nutritional interventions for cognitive disorders

SHORT ESSAY

6x4=24 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. Discuss the babies are sick during feeding
7. Differentiate between preterm and term infants feedings
8. Explain the special dietary practices for adolescent athletes

SHORT ANSWER

7x2=14 Marks

9. Mention the signs and etiology of atherosclerosis
10. Define dehydration and classify 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 nutrients requirements for adolescents
14. List the factors affecting for physical activity in adolescents
15. List the national nutritional programs for adolescents

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[Max Marks: 50]

NUTRITION AND FITNESS

QP Code: N5130

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

LONG ESSAY

2x6= 12 Marks

1. Define ergogenic aids. Discuss the role ergogenic aids in Muscle Building, Recovery and Anti-inflammation.
2. Describe the carbohydrates dynamics in exercise.

SHORT ESSAY

6x4=24 Marks

3. Discuss the role diet in exercise.
4. Discuss the role of Physical Activity and Fitness in the Prevention of Cardiovascular Disease.
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

7x2=14 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 nutrition goals to prevention of diabetes mellitus.
14. Define Nutrition periodization.
15. Mention the Carbohydrate Recommendations for athletes.

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DIETARY COUNSELLING

QP Code: N5140

*Your answer should be specific to the question asked
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LONG ESSAY

2x6= 12 Marks

1. What examples have you observed of discrepancies between verbal and non-verbal communication? How have these affected your communication?
2. Discuss the resources required for the dietitian to develop counselling sections for different age groups

SHORT ESSAY

6x4=24 Marks

3. How could you use your observations to build rapport in an interview setting?
4. Explain the personal perspective on working as a counsellor
5. What do you consider to be barriers to communication between dietitian and patient?
6. Explain the Portrait of a dietitian using counselling skills
7. How do you think you could use the interview framework?
8. Which categories of verbal response are you most (and least) familiar

SHORT ANSWER

7x2=14 Marks

9. Define diet counseling and list the factors affecting diet counseling
10. Mention the importance of counseling for life style change
11. List the factors involved in dealing with aggressive behavior
12. Define Behavioural approach and cognitive approaches
13. List the barrier to change
14. List the four examples of receiving criticism and pries
15. The factor involved for developing assertiveness

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Max Marks: 60

NUTRITION AND IMMUNITY

QP Code: N 5150

*Your answers should be specific to the question asked
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LONG ESSAY

2×10=20 Marks

1. Discuss the Effects of Protein-Energy Malnutrition on Various Aspects of Immune Function
2. Explain the role of major cells of the immune system

SHORT ESSAY

5×5=25 Marks

3. Discuss the type of defences exhibited in innate immunity.
4. Discuss the impact of low birth weight on the immune function
5. Explain the process of development of food allergy
6. Discuss the role of immunization in various diseases
7. Discuss the role of probiotics in promoting gut health

SHORT ANSWER

5×3=15 Marks

8. List the nine pillars of good treatment of acute gastroenteritis
9. Name the bacteria responsible for the major acute respiratory infections
10. Classify adverse reaction to foods
11. Define ROS
12. List the functions of α linolenic and linoleic acid
