



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH

(A DEEMED TO BE UNIVERSITY)

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

First Year, Semester-II, September 2021 Examination.

Time: 2 Hrs

Max Marks: 50

FOOD FACTS & PRINCIPLES II

QP Code: N 2042

*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 spoilage of meat.
2. Elaborate on the factors affecting the coagulation of egg proteins

SHORT ESSAY

6×4=24 Marks

3. Write the classification of cheese.
4. Explain the process of precipitation of casein
5. Discuss the factors influencing the ageing of meat
6. Discuss the process of grading of eggs
7. Explain the process of preparation of fish meal
8. Discuss the role of Salmonella Enteriditis

SHORT ANSWER

7×2=14 Marks

9. Define Yolk index
10. Define lipolysis of milk fat
11. What are total milk solids?
12. What is DFD?
13. What is TVP?
14. Define clarification
15. List the functions of Actin and Myosin

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ASSESSMENT OF NUTRITIONAL STATUS

QP Code: N 2050

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Draw neat labelled diagrams wherever necessary*

LONG ESSAY

2×6=12 Marks

1. Discuss in detail the following heads:
 - a) Grip strength
 - b) Head circumference
2. Discuss the dietary assessment under the following heads:
 - a) Recording method
 - b) Food balance sheet

SHORT ESSAY

6×4=24 Marks

3. Explain severely acute malnutrition
4. Explain ICDS Programme
5. Discuss Harvard Step test
6. Define optimal nutritional status and list the objectives of nutritional assessment.
7. Write a note on BMI
8. Define Toddler Mortality rate and add a note on SFT

SHORT ANSWER

7×2=14 Marks

9. Give Waterlow malnutrition and Welcome clinical classification
10. List all the Anthropometric Assessments
11. List the parameters used under Vital Health Statistics
12. List any 6 clinical examinations.
13. Write the steps involved in measuring MUAC
14. Write a note on chemical analysis and dietary score
15. Aetiology of PEM



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HOSPITAL DIETETICS- I
QP Code: N2061

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LONG ESSAY

2x6= 12 Marks

1. Discuss the importance of nutritional diagnosis in nutritional care process
2. Discuss the formulation of moderately low Protein diet

SHORT ESSAY

6x4=24 Marks

3. Differentiate between soft moderately High Fibre diet versus Low Residue diet
4. Explain the dietary guidelines for the prevention of Cancer
5. Discuss the role of nutrition in prevention of Atherosclerosis
6. Explain the effects of Malnutrition in Immunity
7. Explain the metabolic complications of obesity
8. Explain the points to be considered in planning a diet

SHORT ANSWER

7x2=14 Marks

9. List the foods to be included and excluded for the clear fluid diets
10. Mention the Indications of Enteral feedings
11. Define innate or natural immunity. Give an examples
12. Define Seizures. List the sign and symptoms of Seizures
13. Define adaptive or acquired Immunity. Give an examples
14. Mention the advantages and disadvantages of Enteral feedings
15. Mention the three component of Nutrition monitoring and evaluation

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[Max Marks: 50]

APPLIED NUTRITION- I
QP Code: N2071

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LONG ESSAY

2x6= 12 Marks

1. Define lipids. Explain the classifications of lipids
2. Define nitrogen balance. Explain positive and negative nitrogen balance

SHORT ESSAY

6x4=24 Marks

3. Discuss the role of Glycemic index of foods on glucose absorption
4. Describe the classification of carbohydrates
5. Explain the Activity thermogenesis
6. Explain lifestyle and food habits affects on nutritional status
7. Explain the classification of amino acids. Give an examples for each
8. Explain the difference between saturated and unsaturated fatty acids

SHORT ANSWER

7x2=14 Marks

9. Define Prostaglandins
10. List the signs and symptoms of protein Deficiency
11. Define Glycemic response
12. Define complex carbohydrates. Give an examples
13. Define Basal metabolic rate
14. Define Obligatory Thermogenesis
15. Recognize common characteristics of well-nourished people

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