



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

Integrated B.Sc. –M.Sc. Clinical Nutrition and Dietetics

Fifth year Semester-IX March 2023 Examination

TIME - 2 HRS

MAX MARKS: 50

FOOD PRODUCT DEVELOPMENT

QP CODE: N9300

Your answers should be specific to questions asked.

Draw neat labelled diagrams wherever necessary

Long Essay

2x6 = 12marks

1. Explain the consumer and food relationship in food product development.
2. Explain the main techniques that are used in quantitative research.

Short Essay

6x4 = 24 marks

3. Briefly explain the process of consumer sampling.
4. Discuss the role on market testing in product development
5. Explain how commercialization defines the success and failure of new food product.
6. Write in brief the benefits of strategic planning
7. Discuss shelf-life studies
8. Discuss the functions of food packaging

Short Answer

7x2=14marks

9. Define Product Morphology.
10. List the Tools in the market researcher's tool bag
11. Define food extrusion.
12. Hedonic rating scale
13. List the determinants of product quality
14. List the information a label must carry
15. Write a note on marketing hook

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INTEGRATED BSc –MSc CLINICAL NUTRITION AND DIETETICS (CND)

Fifth year Semester-IX March 2023 Examination

TIME - 2 HRS

MAX MARKS: 50

Nutrition in Critical Care

QP CODE: N9320

Your answers should be specific to questions asked.

Draw neat labelled diagrams wherever necessary

Long Essay

2x6 = 12marks

1. Explain ABCDEF components of nutrition care process
2. Define refeeding syndrome (RS), causes and metabolic implications of RS.

Short Essay

6x4 = 24 marks

3. Discuss metabolic complications of parenteral nutrition
4. Explain SGA screening tool with components and score
5. Nutritional management of burns patients
6. Types of enteral nutrition formulas
7. Malabsorption syndrome and nutrients imbalances
8. Explain symptoms of Wernicke's syndrome

Short Answer

7x2=14marks

9. What is GVHD
10. Define Ulna length
11. Classification of hypertension
12. Metabolic acidosis and alkalosis
13. Aspiration pneumonia
14. Principles of nutrition in ESRD
15. Polymeric formulas

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