



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 2024 Examination

TIME - 2 HRS

MAX MARKS: 50 MARKS

FOOD PRODUCT DEVELOPMENT

QP CODE: N9300

Your answers should be specific to questions asked.

Draw neat labelled diagrams wherever necessary

Long Essay

2 x 6 = 12 marks

1. Elaborate on the important factors to be considered for successful products in the successive stages of the product development process.
2. Explain the role of sensory evaluation in new food product development.

Short Essay

6 x 4 = 24 marks

3. Write a note on product repositioning and list their general characteristics.
4. Define consumer behaviour and explain the action stages.
5. Discuss briefly about product life cycles
6. Explain the process of irradiation and its advantages
7. Discuss briefly the factors affecting Entrepreneurship
8. Discuss briefly about Hazard Analysis Critical Control Point Systems (HACCP)

Short Answer

7 x 2 = 14 marks

9. Define New food Product and list the categories.
10. List the Tools in the market researcher's tool bag
11. Write a note on Quantitative descriptive analysis
12. Write a note on Risk Analysis
13. What is a standardised Recipe?
14. Write a note on Product matching
15. List the different type of ionising and non-ionizing radiations used to irradiate foods.

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INTEGRATED BSc –MSc CLINICAL NUTRITION AND DIETETICS (CND)
Fifth year Semester-IX
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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 domains of nutrition intervention and monitoring components of nutrition care process
2. Define electrolytes imbalances, causes and metabolic implications of these.

Short Essay

6x4 = 24 marks

3. Discuss metabolic complications of dumping syndrome
4. Explain diarrhea and management in critical care unit
5. Explain the Nutritional management of cirrhosis patients
6. Discuss the Dietary management of multi-organ failure in ICUs
7. Define Chemotherapy and explain the nutritional implications
8. Explain symptoms of lactose intolerance

Short Answer

7x2=14marks

9. What is SGA
10. Define demi-span measurement
11. Classification of GFR in renal diseases
12. Explain ABG
13. Principles of enteral nutrition
14. Nutrition screening tools
15. Sodium restrictions in critical care

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