



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 2025 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 in detail the Characteristics of a New Food Product as Introduced by a Specific Food Company.
2. Discuss in detail the food quality management systems.

Short Essay

6x4 = 24 marks

3. Describe the reasons for failure in new products
4. Define consumer behaviour and explain the action stages.
5. Explain the steps involved in data analysis process.
6. Elaborate on the descriptive analysis techniques.
7. Discuss the reasons behind the standardised recipe development.
8. Discuss the Entrepreneurial Process

Short Answer

7x2=14marks

9. Define product life cycle.
10. Canning Types
11. Write about the 4P's of marketing mix
12. Risk Communication
13. Good Hygienic practice
14. List the information a label must carry
15. Define fit

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INTEGRATED BSc –MSc CLINICAL NUTRITION AND DIETETICS (CND)

Fifth year Semester-IX March/April-2025 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. Define sepsis and its cause. Discuss nutritional guidelines for sepsis
2. Differentiate between enteral and parenteral nutrition compositions

Short Essay

6x4 = 24 marks

3. Write a note on arterial blood gas analysis
4. Explain MUST screening tool with components and score
5. Oxidative stress and nutrients that prevent oxidative stress
6. Barriers in nutritional delivery in ICUs
7. Calculate nutritional needs of a adult male with ht - 5.10 ft and wt- 60 kg
8. Explain symptoms of hypoglycemia and management

Short Answer

7x2=14marks

9. What is respiratory quotient
10. Define SOFA score
11. List tools used in nutritional assessment
12. Respiratory acidosis and alkalosis
13. Dumping syndrome
14. Principles of nutrition in refeeding syndrome
15. List complications of dehydration

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