

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, July/August-2019 Examination.

Time: 2 Hrs

Max Marks: 50

FOOD FACTS & PRINCIPLES II
QP Code: N2042

Your answers should be specific to the question asked
Draw neat labelled diagrams wherever necessary

LONG ESSAY

2×6=12 Marks

1. Discuss effect of pasteurization on nutritive value, flavour, micro-organisms and on enzymes present in milk.
2. Elaborate on the pigments and colour changes that occur in meat and its relationship with grading of meat.

SHORT ESSAY

6×4=24 Marks

3. Mention the application of milk powder in food industries.
4. Discuss the chemical and physical changes associated with eggs during storage.
5. Explain the process of salting of fish.
6. Discuss the effect of time and temperature in the formation of ferrous sulphide in eggs.
7. Mention and explain the test done in milk to assess its quality.
8. Discuss the properties and uses of gelatin.

SHORT ANSWER

7×2=14 Marks

9. What is TMA?
10. Name the organisms involved in the black rots of eggs.
11. Name the enzymes involved in spoilage of milk
12. Define Caramelization
13. Write the functions of Actin and myosin
14. List the non-meat protein source suitable for meat Analogue
15. What are whey proteins?

* * *

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, July/August-2019 Examination.

Time: 2 Hrs

Max Marks: 50

Assessment of Nutritional Status

QP Code: N2050

*Your answers should be specific to the question asked
Draw neat labelled diagrams wherever necessary*

LONG ESSAY

2×6=12 Marks

1. Define toddler mortality rate and explain clinical assessment.
2. Explain ICDS programme in detail.

SHORT ESSAY

6×4=24 Marks

3. List the various dietary assessments and explain any one.
4. Define anthropometric assessment and add a note on marasmus.
5. Discuss laboratory test and biochemical test.
6. Discuss Harvard Step test.
7. Describe Cardiorespiratory endurance.
8. Discuss the test for PEM.

SHORT ANSWER

7×2=14 Marks

9. List the parameters used under Vital Health Statistics.
10. List the factors affecting PEM.
11. What is Brokas and Ponderal index.
12. Write a short note on welcome clinical classification.
13. Write a note on Serum Amino Acid Ratio and Urinary Creatinine Height index.
14. Abbreviate; BMI, IAP, ICMR, PNMR.
15. Write a note on Waterlow malnutrition classification.

*** * ***

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, July/August-2019 Examination

Time- 2 Hrs

[Max Marks: 50]

HOSPITAL DIETETICS- I

QP Code: N2061

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

LONG ESSAY

2x6= 12 Marks

1. Explain the role of Nutritional assessment in nutrition care plan.
2. Discuss the regulation of food intake.

SHORT ESSAY

6x4=24 Marks

3. Explain the indications of Low Caloric diet.
4. Identify the components of parenteral solutions that contribute to osmolarity.
5. Explain the Planning of High Calorie diets.
6. Explain the Enteral Nutrition.
7. Explain the indications of clear fluid diet.
8. Discuss the potential complications associated with parenteral nutrition.

SHORT ANSWER

7x2=14 Marks

9. List types of food intake data used of Nutritional assessment.
10. List the factors affecting food choice.
11. Mention the foods to be included and avoided in Acid-ash diet.
12. Mention the foods to be included and avoided in low cholesterol diet.
13. List the foods to be included and excluded in High Calorie diet.
14. Define Cancer Cachexia.
15. Define Nutrition monitoring and evaluation.

*** * ***

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

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

First Year Semester-II, July/August-2019 Examination.

Time- 2 Hrs.

[Max Marks: 50]

APPLIED NUTRITION- I

QP Code: N2071

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

LONG ESSAY

2x6= 12 Marks

1. Explain the components of energy expenditure.
2. Define Dietary Fibre. Discuss the role of fibre in prevention of metabolic disorders.

SHORT ESSAY

6x4=24 Marks

3. Explain the functions of Branched chain amino acids (BCAA).
4. Compare the effects on health of excessive intake of protein.
5. Classify the fatty acids based on number of carbon atoms. Give an examples.
6. Discuss the role cholesterol in the body.
7. Differentiate between the low and high Glycemic index of foods.
8. Distinguish between body weight and body composition.

SHORT ANSWER

7x2=14 Marks

9. Define Nutrients
10. Identify the energy-producing nutrients and state their fuel value.
11. Define disaccharides. Give an examples.
12. List the major food sources of proteins.
13. Mention the chemical composition of proteins.
14. Define simple lipids. Give an example.
15. Define Nutritional Status.

*** * ***