

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

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

Second Year Semester- III, March-2021 Examination.

Time- 2 Hrs

[Max Marks: 50]

APPLIED NUTRITION- II

QP Code: N3072

*Your answer should be specific to the question asked
Draw neat labeled diagrams wherever necessary*

LONG ESSAY

2x6= 12 Marks

1. Describe the functions and deficiency of vitamin E
2. Explain the five levels of human body composition

SHORT ESSAY

6x4=24 Marks

3. Discuss the role of vitamin K in blood clotting
4. Explain the metabolic functions of Thiamin
5. Describe the deficiency of Magnesium
6. Explain the factors effecting the iron absorption
7. Discuss the role of water in the body
8. Describe the effects of energy excess on body composition

SHORT ANSWER

7x2=14 Marks

9. Mention the health effects of Phosphorous toxicity
10. Mention the requirements of niacin for adults
11. List any four rich food sources of folic acid
12. Name any four signs and symptoms of pellagra
13. Identify the four major effects of calcium deficiencies
14. List any two clinical applications of Dual-energy X-ray absorptiometry (DEXA)
15. Define Dehydration

* * *



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

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

Second Year, Semester- III, March-2021 Examination.

Time- 2 Hrs

[Max Marks: 50]

MEDICAL NUTRITION MANAGEMENT-I

QP Code: N3081

Your answer should be specific to the question asked
Draw neat labeled diagrams wherever necessary

LONG ESSAY

2x6= 12 Marks

1. Define diarrhea. Describe the dietary management for traveler's diarrhea.
2. Define viral hepatitis. Explain the nutritional therapy for viral hepatitis.

SHORT ESSAY

6x4=24 Marks

3. Draw a neat labeled diagram of digestive system.
4. Explain the effects of nutrients on drug distribution and metabolism.
5. Explain the dietary principles to be followed in typhoid fever.
6. Describe the importance of SGA in nutritional evaluation.
7. Discuss the dietary recommendations for people with Diabetes.
8. Explain the nutritional therapy for PKU.

SHORT ANSWER

7x2=14 Marks

9. Define IGT and IFG.
10. List any four causes of ESLD.
11. Define mal absorption syndrome .
12. Name the Types of dysentery.
13. Name any four factors involved in peptic ulcer.
14. List the generalized sign and symptoms of influenza.
15. Define esophagitis.

* * *



(A DEEMED TO BE UNIVERSITY)

Second Year, Semester- III, March-2021 Examination

[Max Marks: 50]

QP Code: N3091

2x6= 12 Marks

- 6x4=24 Marks**

- 7x2=14 Marks**

- * * *



SSRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

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

Second Year Semester- III, March-2021 Examination.

Time- 2.00 Hrs.

Max. Marks: 60

FOOD SANITATION AND HYGIENE

Q.P-CODE: N3100

Your answers should be specific to questions asked.

Draw neat labelled diagrams wherever necessary

LONG ESSAY

2x10=20 Marks

1. Define food allergies. Explain the preventive measures to control food-borne illnesses.
2. Describe bacillus cereus food poisoning and perfringens food poisoning.

SHORT ESSAY

5x5=25 Marks

3. Define personal hygiene. Discuss the importance of rest, exercise and recreation.
4. Explain any two types of food storage.
5. Define pesticide. Mention the preventive measures to control cockroaches and houseflies.
6. Explain in brief physical and chemical hazards with example.
7. Explain sanitary procedures while preparing food.

SHORT ANSWER

5x3=15 Marks

8. Define antiseptics and disinfectants with examples.
9. List any six preventive measures to control salmonellosis.
10. List even principles of HACCP.
11. Mention any three advantages and disadvantages of cleaning agent.
12. Define pesticide with example. List the precautions to be taken while handling pesticides.

*** * ***



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

Integrated B.Sc.-M.Sc. Clinical Nutrition and Dietetics (CND)
Second Year, Semester- III, March-2021 Examination.

TIME- 2 HRS

MAX MARKS: 60

FOOD STANDARDS AND QUALITY CONTROL

Q.P. CODE: N3110

Your answers should be specific to questions asked.

Draw neat labelled diagrams wherever necessary

LONG ESSAY

2 x 10 = 20 marks

1. Explain criteria put forth by PFA act according to which an article of food is considered adulterated.
2. Describe the role of AGMARK in maintaining standards of food.

SHORT ESSAY

5 x 5 = 25 marks

3. Discuss the quality characteristics of foods.
4. Explain the role of any five preservatives added to food.
5. Describe artificial sweeteners and differentiate between the natural and artificial Sweeteners.
6. Discuss advantages and disadvantages of objective sensory evaluation.
7. Explain the principle of following.
 - a. Adams consistometer
 - b. Bostwick consistometer.

SHORT ANSWER

5 x 3 = 15 marks

8. Describe relationship between quality, reliability and safety.
9. Give one function and use of following each food additives .
 - a. emulsifiers
 - b. antioxidants
 - c. flavour enhancers.
10. List six importance of sensory evaluation in food industry.
11. Mention any six requirements for an ideal panel member.
12. Mention the objectives of codex alimentarius, HACCP and FSSAI.

* * *

