

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

Integrated B.Sc.-M.Sc. Clinical Nutrition and Dietetics
Second Year, Semester- III, February-2020 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. List the different forms of vitamin A and Describe the role of vitamin A in Vision.
2. Describe the metabolic functions of iron. Mention the factors effecting the iron absorption.

SHORT ESSAY

6x4=24 Marks

3. Explain the function of Choline. Mention toxicity of Choline.
4. Describe the functions of Vitamin B₁₂.
5. Explain the assessing body composition using anthropometric indices.
6. Discuss the role of vitamin K in blood clotting.
7. Describe the metabolic functions of folic acid.
8. Name causes and consequences of water depletion.

SHORT ANSWER

7x2=14 Marks

9. Name the routes of water is lost from the body.
10. Define energy balance.
11. Difference between macro and micro minerals. Give an examples.
12. Classify the B- complex vitamins? give an examples.
13. Mention the Riboflavin requirement for adults.
14. List the double indirect methods for assessing body composition.
15. Mention the diseases caused by deficiencies of Thiamin.

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Integrated B.Sc.-M.Sc. Clinical Nutrition and Dietetics (CND)
Second Year Semester- III, February-2020 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. Describe the overview of digestive and absorptive processes.
2. Define diabetes. Explain nutritional management for type 1 diabetes.

SHORT ESSAY

6x4=24 Marks

3. Discuss the medical nutrition management for patients with phenyl ketonuria.
4. Explain the nutritional support required in acute pancreatitis.
5. Describe the dietary management for traveler's diarrhea.
6. Explain the dietary management for peptic ulcer.
7. Describe the clinical features of tuberculosis.
8. Explain the relation between gastrointestinal pH and food and drug interaction.

SHORT ANSWER

7x2=14 Marks

9. Define pharmacodynamics.
10. List the types of fever.
11. Define dyspepsia.
12. Name any four Factors affecting dysentery.
13. Mention any four factors involved in development of IBS.
14. Define Ascites.
15. List microvascular Complications for diabetes mellitus .

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Time- 2 Hrs

[Max Marks: 50]

NUTRITION THROUGH LIFE SPAN- I
QP Code: N3091

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

LONG ESSAY

2x6= 12Marks

1. Define the term critical period. Explain the adverse influences during critical periods affect later health?
2. Describe the nutrition-related factors that determine the risk of miscarriage and stillbirth.

SHORT ESSAY

6x4=24 Marks

3. Explain the dietary considerations based on Religion.
4. Discuss the role of Antioxidant intake in fertility.
5. Discuss the nutritional requirements to management of hypothalamic amenorrhea.
6. Explain nutritional needs for women during pregnancy.
7. Explain the effects of HIV/AIDS on nutritional status of pregnant woman.
8. Discuss the importance of preparing breast for Breastfeeding.

SHORT ANSWER

7x2=14 Marks

9. Define flat or inverted nipples.
10. Mention the causes for pathological jaundice.
11. Mention the composition of Colostrum.
12. List the sign and symptoms of preeclampsia.
13. Define Infant Mortality Rate.
14. Define eating disorders. Give an examples.
15. Define preconception .

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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. Explain botulism and staphylococcus food poisoning
2. Discuss the storage of specific foods and common faults in food preparation

SHORT ESSAY

5x5=25 Marks

3. Explain signs of spoilage in milk
4. Describe infectious hepatitis
5. Explain the five advantages and disadvantages of sanitizing procedures
6. Explain the benefits of HACCP and ISO 9000 certification
7. Write a note on biosanitizer

SHORT ANSWER

5x3=15 Marks

8. List common symptoms of food borne diseases
9. List bacteria involved in food infections and food poisonings
10. Define biodegradable and non-biodegradable waste with examples
11. Define sewage. List the characteristics of garbage bin
12. Mention the steps to be followed to avoid contamination through hand

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Second Year Semester- III, February-2020 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. Expand FPO and explain its functions.
2. Describe incidental contaminants and their harmful effects on body.

SHORT ESSAY

5 x 5 = 25 marks

3. Explain quality parameters with respect to quality of design, conformance and use.
4. Discuss the importance of antioxidants in food industry.
5. Explain chelating agents used in food industry.
6. Define score card and hedonic scale and give two circumstances in which it can be used .
7. Explain all five physico- chemical methods of objective sensory evaluation of foods .

SHORT ANSWER

5 x 3 = 15 marks

8. Differentiate between quality control and quality assurance.
9. Define humectants with three examples and list its function.
10. Classify and define the different types of panel members.
11. Differentiate between difference tests and descriptive tests of sensory evaluation.
12. List any six orders along with the establishment year that regulates food laws in India.

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