



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH

(A DEEMED TO BE UNIVERSITY)

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

Third Year Semester- VI November 2024 Examination

Time- 2.30 Hrs

[Max Marks: 80]

Improving Health Nutrition: IEC Approaches

Q.P Code: N6500

Your answers should be specific to questions asked.

Draw neat labelled diagrams wherever necessary

LONG ESSAY

2X10 = 20 Marks

1. Describe the principles of Health Education and mention the barriers of communication. (5+5)
2. What is Focus group discussion (FGD)? Write the steps in detail. (3+7)

SHORT ESSAY

6X5 = 30 Marks

3. Seminar vs Symposium.
4. Health Education vs propaganda.
5. What is primary health care approach in Health education?
6. Mass media vs Personal Communication.
7. Role of Audio-visual aids in health education.
8. Ottawa Charter of Health Promotion.

SHORT ANSWER

10 X 3 = 30 Marks

9. School Health Education.
10. Role of social media in health education.
11. List functions of Health Communication.
12. Name some effective methods for Communicating the youth.
13. Formal and Informal education in IEC
14. Role playing in Health Education.
15. What is Folk media of Communication? What are its advantages?
16. Brain storming
17. Delphi method in health education.
18. Printed material in Health education.



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Integrated B.Sc. –M.Sc. Clinical Nutrition and Dietetics
Third Year Semester-VI Examination

Time: 2.30 Hours

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Subject: FOOD PRESERVATION
Q.P Code: N6510

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

LONG ESSAY

2X10=20 Marks

1. Discuss the role of enzymes in food spoilage
2. List the types of ionizing radiation and explain their applications in food irradiation process.

SHORT ESSAY

6X5=30 Marks

3. Write the advantages and disadvantages of freeze drying.
4. Explain Moisture sorption isotherms.
5. Write the process of ice crystal formation
6. Discuss the changes occurring in quality attributes of dried foods
7. Write the different types of concentration techniques employed in foods
8. Write the indications of rat infestations and methods to control.

SHORT ANSWER

10 x 3 =30 Marks

9. Spoilage yeasts
10. list any two difference between Gram +ve and Gram –ve Bacteria
11. Spoilage specific organisms
12. List the types of pasteurization techniques.
13. Microbial rancidity
14. Define Nano filtration
15. Metaboisis
16. What is sterilization and its importance in food safety?
17. Define canning and its benefits.
18. What is blanching and its purpose?



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Third Year, Semester- VI, November 2024 Examination

Time- 2 Hrs 30 Mins

[Max Marks: 80]

PUBLIC HEALTH NUTRITION

QP Code: N6520

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

LONG ESSAY

2x10= 20 Marks

1. Explain the clinical manifestations and preventive measures of vitamin A deficiencies
2. Define Public Nutritionist. Discuss the role of Public Nutritionist in Health Care Delivery

SHORT ESSAY

6x5=30 Marks

3. Explain the evidence-based health determinants
4. Explain the factors influence the framework of Food and Nutrition Security
5. Write a short note on national nutrition policy
6. Describe the etiology of major nutritional problems
7. Discuss the Current Role of food security on Public Health
8. Describe the mortality indicators of health

SHORT ANSWER

10x3=30 Marks

9. Define health
10. Mention the nutritional indicators of health
11. Define population dynamics
12. Mention the determinants of Fertility in India
13. Define Morbidity
14. Define lathyrism
15. Define food insecurity
16. Define Nutritional status
17. Name the causes and clinical manifestations of Obesity
18. Define health economics