



**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH**

**(A DEEMED TO BE UNIVERSITY)**

**Integrated B.Sc. –M.Sc. Clinical Nutrition and Dietetics**

**Third Year Semester- VI September 2023 Examination**

**Time - 2 Hrs.**

**Max Marks: 50**

**Improving Health and Nutrition: IEC Approaches**

**QP Code: N6160**

*Your answers should be specific to questions asked.*

*Draw neat labelled diagrams wherever necessary*

**Long Essay**

**2x6 = 12marks**

1. What is Behaviour Change communication? Outline BCC program for Nutrition in a village (3+3)
2. What is planning and management in Health Education? Write the steps of Health Education and planning (3+3)

**Short Essay**

**6x4 = 24 marks**

3. Panel Discussion vs Seminar
4. Health Education vs propaganda.
5. What is Regulatory health care approach in Health education?
6. Elaborate the process of Communication.
7. Role of Newspapers in health education.
8. Describe the principles of Health Education

**Short Answer**

**7x2=14marks**

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. Barriers in health education.
14. Sociogram
15. Printed materials as method of Communication. Comment

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**Third Year, Semester-VI, September 2023 Examination.**

**Time: 2 Hrs**

**Max Marks: 50**

**FOOD PRESERVATION**

**QP Code: N6170**

*Your answers should be specific to the question asked*

*Draw neat labelled diagrams wherever necessary*

**LONG ESSAY**

**2×6=12 Marks**

1. Write about the effects of canning on the nutritional and sensory qualities of foods.
2. Elaborate on the different types of dehydration techniques employed in food preservation

**SHORT ESSAY**

**6×4=24 Marks**

3. Discuss the role of class II preservative agents
4. Explain the chemical changes associated with moisture concentration in foods
5. Write the application of irradiation process in foods
6. Write in detail about the types of ionizing radiations
7. Discuss the process of spray drying and its advantage
8. Comment on phase and glass transition.

**SHORT ANSWER**

**7×2=14 Marks**

9. Pheromones
10. Lipases
11. Classification of refrigerants
12. Cryoconcentration
13. NIRS
14. Mould inhibitors
15. Radurization



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**Time- 2 Hrs**

**[Max Marks: 50]**

**PUBLIC HEALTH NUTRITION**

**QP Code: N6180**

*Your answers should be specific to the questions asked.*

*Draw neat labelled diagrams wherever necessary.*

**LONG ESSAY**

**2x6= 12 Marks**

1. Explain the clinical manifestations and preventive measures of obesity
2. Define public nutritionist. Discuss the role of public nutritionist in health care delivery

**SHORT ESSAY**

**6x4=24 Marks**

3. Write a short note on population policy
4. Explain the evidence base of health determinants
5. Explain the objectives of Kishori Shakti Yojana
6. Discuss the role of economics malnutrition on health status
7. Explain the factors influence the framework of Food and Nutrition Security
8. Write a short note on national nutrition policy

**SHORT ANSWER**

**7x2=14 Marks**

9. Mention the three important food intervention programs were introduced to tackle the shortage of food in 1970s
10. Mention the morbidity indicators
11. Define fluorosis
12. Define fertility rate
13. List disability rates health indicators
14. Define malnutrition
15. Define incidence rate