  
**SRI DEVARAJURS 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, September 2021 Examination**

Time- 2 Hrs

[Max Marks: 50]

**Improvising Health Nutrition: IEC approaches**  
**QP Code: N6160**

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

**LONG ESSAY**

**2x6= 12 Marks**

1. Describe the principles of health education and mention the barriers of communication (3+3).
2. What is the concept of Information, Education and Communication? Briefly describe various methods to deliver it. (3+3)

**SHORT ESSAY**

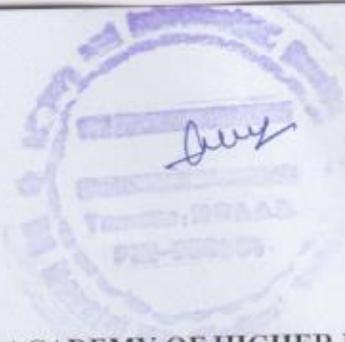
**6x4=24 Marks**

3. Classify Audio-visual aids used in Health communication with one advantage and one disadvantages of each.
4. Lecture vs Demonstration.
5. Describe the regulatory approach in Health Education.
6. Elaborate the process of communication.
7. What is primary health care approach in health education?
8. Elaborate the contents of health education.

**SHORT ANSWER**

**7x2=14 Marks**

9. Role play in Health Communication.
10. Role of Internet in health education.
11. List the functions of health communication.
12. Effective methods for communicating to youths.
13. Formal & informal Education in IEC.
14. Write a note on Role of Workshop in Health Education.
15. Write a note on components in Health Education (Communication Process).



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**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. Explain the process Freeze drying of foods and its importance in food industry
2. Define Food decay and explain the types of food decay.

**SHORT ESSAY**

**6×4=24 Marks**

3. Explain the process of Pasteurization.
4. Discuss the effect of heat processing on the nutritional quality of foods
5. Discuss in detail the types of ionising radiations used in food irradiation
6. Write the importance of moisture in food chemical reactions
7. Comment on the various Class I preservative agents.
8. Write the advantages and disadvantages of canning

**SHORT ANSWER**

**7×2=14 Marks**

9. Oxidative Rancidity
10. Maillard reaction
11. List the types of infestations occurring in grains
12. Blanching
13. Parabens
14. Reverse Osmosis
15. EMC



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**Time- 2 Hrs**

**[Max Marks: 50]**

**PUBLIC HEALTH NUTRITION**

**QP Code: N6180**

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

**LONG ESSAY**

**2x6= 12 Marks**

1. Define Public Health Nutrition. Explain the principles of Public Health Nutrition
2. Define Public Nutritionist. Discuss the role of Public Nutritionist in Health Care Delivery

**SHORT ESSAY**

**6x4=24 Marks**

3. Explain the principles of Public Health Nutrition
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 Nutrition in Public Health
8. Explain the Principles of Public Health Nutrition

**SHORT ANSWER**

**7x2=14 Marks**

9. Define health indicators
10. Mention the nutritional indicators of health
11. Define population dynamics
12. Mention the determinants of Fertility in India
13. Define Crude Death Rate
14. Define lathyrism
15. Define food insecurity