

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH**  
**(A Deemed to be University)**  
**MBBS Phase III Part I Examination January 2025**

**Time: 180 Minutes**

**Max Marks: 80 Marks**

**Community Medicine Paper I**

**QP CODE: C3081**

*Your answer should be specific to the question asked*

*Draw neat labelled diagrams wherever necessary*

**Long Essay**

**10 × 2 = 20 Marks**

1. What is Health Education? Describe the Principles of Health education with examples. (2+8)
2. List the Nutritional Problems in our Country. Discuss the strategies and approaches to tackle any one condition through National Programmes. (2+8)

**Short Essay**

**5 × 12 = 60 Marks**

3. Draw a schematic diagram of Natural History of Disease and explain with example.
4. Explain the strategies for Primary Prevention. Mention merits and demerits of each. (2+3)
5. Discuss the Composting Method of Solid Waste Disposal.
6. Describe the Anti-adult measures in vector control.
7. What are Cohort Studies? Mention its types with Examples. (2+3)
8. Describe the Measures of Morbidity.
9. Describe types of Genetic Counselling with examples.
10. What is Health Information System? Mention its Uses (1+4)
11. Explain the components of Community Mental Health Programme.
12. Describe the Medical Benefits for Employees under ESI Act.
13. Describe Multiphasic Screening. Explain with examples. (2+3)
14. A patient with history of frequent urination, increased appetite and loss of weight with an episode of syncope and no history of fever, who is a smoker for 10 years, regular alcohol consumer and weighs more than 100 kg and history of Diabetes in family has visited. Identify the risk factors and how would you counsel the patient.

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**Community Medicine Paper II**

**QP CODE: C3082**

*Your answer should be specific to the question asked*

*Draw neat labelled diagrams wherever necessary*

**Long Essay**

**10 × 2 = 20 Marks**

1. A 35-year-old female with complaints of Lump in the Right Breast since 3 months presents to your Clinic. She is a nulliparous woman and had consumed OCPs for 2 years. Her sister also suffered from the similar condition in the past for which she underwent Surgery.
  - a) What is the probable diagnosis?
  - b) What are risk factors of the above condition and how do you plan for a screening programme of the same condition in her locality.
  - c) What are the warning signals of this Condition? Suggest preventive measures.
2. What is comprehensive health care? Explain its incorporation in the functioning of a primary health centre?

**Short Essay**

**5 × 12 = 60 Marks**

3. Define Net Reproduction Rate (NRR). Interpret the meaning of  $NRR = 1$ . (2+3)
4. Describe cafeteria approach in family planning, List the criteria for an ideal candidate for IUCDs. (2+3)
5. What is MDR tuberculosis? List the reasons for increase in MDRTB in India.
6. Describe the WHO guidelines for post exposure treatment of Rabies.
7. Describe the present treatment guideline for Malaria in India.
8. Describe the epidemiology of Leprosy in India.
9. Classify and enumerate various health management techniques.
10. Describe the parameters of dengue surveillance.
11. Differentiate between MDR TB and XDR TB.
12. Describe the role of Indian Red Cross?
13. Describe the principles of Artificial feeding?
14. Define social security? List social security measures of the elderly. (2+3)