

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

**M.B.B.S Phase-III ( Part I ) Degree Examination JAN 2020**

**Time:3 hours**

**Max Marks:100**

**COMMUNITY MEDICINE - PAPER 1**

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

**LONG ESSAY**

**2 X 10 = 20 Marks**

1. Describe the steps of conducting a case control study. What are the disadvantages of case control study? (6+4)
2. Describe the various sanitary methods of disposal of human excreta in a community.

**SHORT ESSAY**

**10 X 5 = 50 Marks**

3. Mention the anthropometric measurements used for assessing the nutritional status of the children.
4. Compare and contrast epidemiology and clinical medicine.
5. Define Impairment and Disability. Explain with an example. (3+2)
6. What are the approaches of Health Education? Describe the Regulatory Approach with example.(3+2)
7. Explain Sample Registration System.Mention its uses. (3+2)
8. Mention the health problems due to Industrialization.
9. Describe the various measures used to evaluate a screening test.
10. What are the criteria for the disease to be screened?
11. Mention the Medical Measures for prevention of Occupational Diseases. Explain the purpose of Pre Placement examination with example. (2+3)
12. What is meant by Central Tendency. Mention various measures of Central Tendency. (2+3)

**SHORT ANSWERS**

**10 X 3 = 30 Marks**

13. Describe the principles of mid-day meal programme.
14. Describe 'Disease control', 'Disease elimination' and 'Disease eradication' with suitable example for each.
15. Describe GDP. Mention its relevance to Health care.
16. What is supernatural theory of disease causation?
17. What is Social Security?
18. Enumerate the causes of Thiamine deficiency and its clinical manifestations.
19. List six contents of Health Communication.
20. List THREE approaches for addressing the problem of drug abuse.
21. List the diseases transmitted by rats.
22. What is Simple Random Sampling? Explain with an example.

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**COMMUNITY MEDICINE - PAPER 2**

*Your answer should be specific to the question asked  
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**LONG ESSAY**

**2 X 10 = 20 Marks**

1. List the health problems of pre-school children. Mention the various measures to prevent the same.(4+6)
2. What are the complications of worm infestations in humans and measures to prevent it? (5+5)

**SHORT ESSAY**

**10 X 5 = 50 Marks**

3. What are the objectives and functions of Indian Red Cross Society. (2+3)
4. What is cancer registry? What are the types? List three uses of cancer registries.(1+2+2)
5. Describe National Leprosy Elimination campaign in India.
6. What is PERT? List the advantages of it. (3+2)
7. Enumerate the elements of success in Family Planning Programme.
8. Discuss the concept of HIGH risk approach in antenatal care. Enumerate the HIGH risk conditions. (3+2)
9. What is the mode of transmission of Chikungunya fever? Mention the measures to prevent transmission. (2+3)
10. Discuss the short-term effects of Disaster.
11. Enumerate the sources of health-care wastes. Enumerate the hazards of health-care wastes. (2+3)
12. Define Sex ratio. Describe the factors affecting the Sex ratio in India.(2+3)

**SHORT ANSWERS**

**10 X 3 = 30 Marks**

13. Name the parameters of dengue surveillance.
14. What are the hazards of obesity.
15. What is essential newborn care?
16. What is meant by accident proneness? Give three examples.
17. What is Rooming-In and mention TWO benefits of the same.
18. List Ford Foundation's contribution to India
19. What is the treatment regimen for Pauci-bacillary Leprosy as per NLEP?
20. Mention the common adverse effects of DPT vaccination.
21. What is meant by tracking of blood pressure? Mention its public health importance.
22. What is the importance of night blood examination in Filarial survey.

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**COMMUNITY MEDICINE - PAPER 1**

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

**LONG ESSAY ( Answer any 2 )**

**2 X 10 = 20 Marks**

1. Describe the steps of conducting a case control study. What are the disadvantages of case control study? (6+4)
2. Describe the various sanitary methods of disposal of human excreta in a community.
3. Describe the objectives and functioning of Food Safety and Standards Authority of India(FSSAI).

**SHORT ESSAY ( Answer any 10 )**

**10 X 5 = 50 Marks**

4. Describe the three common components of epidemiology.
5. Describe the characteristics of host in disease causation
6. What are the various methods of health education for Groups? Write in brief about Role play.(2+3)
7. What is Normal Distribution Curve? Illustrate with the help of a diagram. (2+3)
8. Mention the Health Problems due to Industrialization.
9. What is screening for disease? Describe the types of screening with examples. (1+4)
10. What is Systematic Random Sampling? Explain with an example.(2+3)
11. What are the Models of Health Education? Describe the Motivation Model with example.(2+3)
12. Describe management of a case of drug addiction.
13. Define carrier of a disease. Classify the carriers with suitable examples. (1+4)
14. Describe the methods of assessment of dietary intake.
15. Describe the Engineering Measures for prevention of Occupational Diseases.

**SHORT ANSWERS ( No choices )**

**10 X 3 = 30 Marks**

16. What is supernatural theory of disease causation?
17. Describe Disability-Adjusted Life Year (DALY).
18. Mention three differences between Eugenics and Euthenics.
19. Explain acculturation with example.
20. Mention the factors which affect the yield of a screening test
21. Enumerate the rodenticides used in India.
22. What is Ergotism? Add a note on its prevention
23. Mention the modes of Primary Prevention. Give two examples for each.
24. Give three examples for Folk Media.
25. Mention THREE important use of Vital Statistics.

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**COMMUNITY MEDICINE - PAPER 2**

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**LONG ESSAY ( Answer any 2 )**

**2 X 10 = 20 Marks**

1. Define Infant Mortality Rate. Explain the causes for infant mortality in India measures for their prevention. (3+7)
2. 35 year male from a nuclear family of four members, with a child of 2 years as the youngest member reports to the PHC with history of cough for the past 25 days associated with fever. How would you manage the situation as the primary care physician?
3. Mention the staff profile of a Primary Health Centre? Describe the important job functions of the Medical Officer in-Charge of a Primary Health Centre. (3+7)

**SHORT ESSAY ( Answer any 10 )**

**10 X 5 = 50 Marks**

4. Mention the components of Selfcare in Diabetes Mellitus.
5. Describe National Leprosy Elimination campaign in India.
6. Classify and enumerate various health management techniques.
7. List the injectable contraceptives. Mention its advantages and disadvantages.(2+3)
8. Discuss the problems of adolescent children.
9. List any six emerging infectious diseases. Discuss the control measures for emerging diseases. (2+3)
10. Define Sex ratio. Describe the factors affecting the Sex ratio in India.(2+3)
11. Describe the recommendations of Srivastava Committee
12. Explain the strategies to prevent Iodine Deficiency under National Goitre Control Programme.
13. Define Primary Health Care. What are the elements of Primary Health Care?(2+3)
14. Describe epidemiological determinants of poliomyelitis.
15. Define HIGH risk approach in antenatal care. Discuss the HIGH risk conditions in pregnancy.

**SHORT ANSWERS ( No choices )**

**10 X 3 = 30 Marks**

16. What is meant by tracking of blood pressure? Mention its public health importance.
17. List the danger signs as per IMNCI programme.
18. What are the hazards of obesity.
19. List Ford Foundation's contribution to India
20. Define Disaster. Give TWO examples for man-made disasters.
21. List the types of wastes included in the "Yellow" category under the new Bio-Medical Waste Management Rules, 2016.
22. What is the importance of night blood examination in Filarial Survey.
23. What is the treatment regimen for Pauci-bacillary Leprosy as per NLEP?
24. Mention the measures for early detection of breast cancer.
25. What are the Steps of First Aid in a case of dog bite?