



Question Paper Code:SDUU 114

**SRI DEVRAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**

**(A DEEMED TO BE UNIVERSITY)**

**M.B.B.S Phase-III (Part I) Degree Examination – JANUARY 2018**

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. Define Epidemiology. Classify types of epidemiological studies. What are the differences between case control and cohort studies? (2+3+5)
2. Enumerate the various sources of Air Pollution in large cities. What are the methods of prevention and control of air pollution? (5+5)

**SHORT ESSAY**

**10 X 5 = 50 Marks**

3. What is food pyramid? Discuss its importance. (2+3)
4. What is association? Discuss different types of associations in causal studies. (1+4)
5. What are the determinants of health? Briefly describe them.
6. What is group health education? Describe about panel discussion.(2+3)
7. What is Non-probability sampling method? List the different types of non-probability sampling methods. (2+3)
8. Enumerate occupational cancers with their causative agents. Mention the occupations which poses risk for getting them. (3+2)
9. What are the criteria for the disease to be screened?
10. What is screening and discuss the types of screening with examples? (1+4)
11. Describe the Medical benefits for employees under ESI Act.
12. Define central tendency. Mention various measures of central tendency. (2+3)

**SHORT ANSWERS**

**10 X 3 = 30 Marks**

13. Enumerate the milk borne diseases.
14. What are the uses of Prevalence Rate?
15. What are the main differences between primordial and primary prevention?
16. What is prospective genetic counselling? Give an example
17. Enumerate 6 functions of family.
18. Discuss the deficiency manifestations of Vitamin A.
19. Give THREE examples of folk media.
20. List the social and environmental factors associated with mental ill-health.
21. What is specific death rate? How it is calculated?
22. What is a broken family?



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**COMMUNITY MEDICINE - PAPER 2**

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

**LONG ESSAY**

**2 X 10 = 20 Marks**

1. What are the morbidities of a newborn? Describe the essential newborn care to safe guard the newborn.(5+5)
2. Describe the diagnosis of pulmonary tuberculosis and the RNTCP alternate day regimen recommended for management of tuberculosis? (5+5)

**SHORT ESSAY**

**10 X 5 = 50 Marks**

3. What is an anganwadi? List the functions of an anganwadi worker.(2+3)
4. What is Body Mass Index? Classify nutritional status based on BMI.
5. What is DOTS- plus strategy? Mention the framework of DOTS plus programme.(2+3)
6. Differentiate between cost benefit and cost effective studies.
7. Define Life expectancy. Mention the life expectancy in India. (3+2)
8. Define Juvenile delinquency and list the causes for the same (2+3)
9. Describe the preventive measures for poliomyelitis.
10. What is disaster preparedness? List the components of disaster preparedness. (2+3)
11. Enumerate the sources of health-care wastes. Enumerate the hazards of health-care wastes. (3+5)
12. Discuss regarding Emergency contraception. Mention the methods. (2+3)

**SHORT ANSWERS**

**10 X 3 = 30 Marks**

13. Mention the principles of Primary Health Care.
14. Define blindness according to WHO.
15. List the types blindness as per VISION 2020 programme.
16. What is meant by tracking of blood pressure? Mention its public health importance.
17. Mention the levels of health care in India
18. List Rockefeller foundation's contribution to India.
19. Mention the importance of 'Evaluation' in health planning.
20. What is essential newborn care?
21. List THREE functions of ILO.
22. What are Unilateral and Bilateral Health Agencies? Write two examples of each.





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**COMMUNITY MEDICINE - PAPER I**

*Your answer should be specific to the question asked  
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**LONG ESSAY ( Answer any 2 )**

**2 X 10 = 20 Marks**

1. Describe the steps in 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 nutritional problems in our country India and their related national programmes (2+8)

**SHORT ESSAY ( Answer any 10 )**

**10 X 5 = 50 Marks**

4. What is association? Discuss different types of associations in causal studies. (1+4)
5. Describe Mortality indicators of Health
6. Define health education. Describe the various stages of adoption of new ideas and practices with example.(2+3)
7. Describe measures of central tendency.Mention their merits and demerits.
8. Describe the Factories Act in brief 1948.
9. What is screening? Describe the types of screening? (1+4)
10. Define Census. Describe the types of the same (1+4)
11. Mention the role of social media in health education
12. What is Drug Addiction? Describe the symptoms of drug addiction. (2+3)
13. Define prevalence of disease? Describe the types of the same. (2+3)
14. Explain screening for a disease in the concept of iceberg phenomenon of disease.
15. Describe the warning signs of poor mental health.

**SHORT ANSWERS ( No choices )**

**10 X 3 = 30 Marks**

16. What is an Epidemic? What are the types of epidemic?
17. What is primary prevention? What are the modes of primary prevention? Give two examples for each.
18. Contrast Eugenics and Euthenics.
19. What is a broken family?
20. Define Sensitivity and Specificity of a screening test.
21. What is Sickness Absenteeism? Enumerate the causes.
22. What is a Problem family?
23. What is Hardy Weinberg's Law?
24. What is iceberg phenomena in disease?
25. Write THREE vector borne diseases with names of vectors.



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**COMMUNITY MEDICINE - PAPER 2**

*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. Define Maternal Mortality Rate (MMR). Explain the causes and measures for reduction of maternal mortality in India. (2+4+4)
2. Describe epidemiological determinants of Japanese Encephalitis and its control.(5+5)
3. Define Primary Health Care. Discuss the elements of primary health care. (2+8)

**SHORT ESSAY ( Answer any 10 )**

**10 X 5 = 50 Marks**

4. Describe the Epidemiological features of oral cancers in India.
5. Discuss the strategies under the Diarrhoeal diseases control program in India.
6. Define Health Planning. Illustrate the Health planning cycle with the help of a diagram. (1+4)
7. Enumerate the examples for combined pills. List the advantages of oral pills. (3+2)
8. List the criteria for "high risk" infants and discuss the management .(3+2)
9. What are the faeco orally transmitted diseases? How will you prevent them?
10. Define Total fertility rate and discuss the factors influencing fertility in India. (2+3)
11. Explain the three tier Panchayati Raj system in India.
12. Describe the components of "Emergency obstetric care" as per Reproductive and Child Health (RCH) phase II programme.
13. Describe Health Care Delivery Systems in India
14. What is intersectoral coordination in Primary Health Care? Describe the same using example from any National Health Programme.(2+3)
15. Illustrate the diagnostic algorithm of diagnosis of pulmonary tuberculosis in an adult as per RNTCP.

**SHORT ANSWERS ( No choices )**

**10 X 3 = 30 Marks**

16. What is meant by accident proneness? Give three example.
17. What is the treatment regimen for Pauci-bacillary leprosy as per NLEP?
18. List six Risk Factors for coronary heart disease.
19. List Ford foundation's contribution to India
20. Enumerate the steps in disaster mitigation.
21. Mention the average composition of hospital waste in India.
22. List the treatment and disposal options for 'cytotoxic drugs' under the new Bio-Medical Waste Management Rules, 2016.
23. Define disaster. Give TWO examples for man-made disasters.
24. List SIX functions of WHO.
25. Mention the components of selfcare in Diabetes Mellitus.