

Question Paper Code:U3081

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

M.B.B.S Phase-III (Part I) Examination MARCH 2022

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. What is association in epidemiology? What are the types? Describe the criteria for judging causality. (2+3+5)
2. Describe the functioning of modern sewage treatment plants with suitable illustrations.

SHORT ESSAY

10 X 5 = 50 Marks

3. Describe the National nutritional anaemia control programme.
4. What is standardized death rates? Describe the types of standardization. (2+3)
5. Describe the natural history of disease. Explain with schematic diagram.
6. What are the Approaches of Health Education? Describe the Regulatory Approach with example.
7. What is Normal Distribution Curve? Illustrate with the help of a diagram. (2+3)
8. Mention about Ergonomics and its role in prevention of diseases. (2+3)
9. What is high risk screening? Explain with examples. (2+3)
10. Describe sensitivity and specificity of a screening test.
11. Describe the Engineering Measures for prevention of Occupational Diseases.
12. What is Cluster Sampling? Explain with an example.

SHORT ANSWERS

10 X 3 = 30 Marks

13. What is Balanced Diet?
14. Enumerate the types of epidemiological studies.
15. Enumerate the salient features of International Classification of Diseases(ICD).
16. What are Mendelian diseases? Give 2 examples
17. What is social security?
18. Discuss the clinical manifestations of Vitamin A deficiency.
19. List six contents of Health Communication.
20. List THREE approaches for addressing the problem of drug abuse.
21. Describe Disability-Adjusted Life Year(DALY).
22. Enumerate THREE important use of Vital Statistics.

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

M.B.B.S Phase-III (Part I) Examination March 2022

Time: 3 hours

Max Marks: 100

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 causes of Low Birth Weight (LBW) babies in India? Mention the measures for their prevention.(4+6)
2. What is the treatment regimen for multibacillary Leprosy? Describe the prevention and control measures of Leprosy.(5+5)

SHORT ESSAY

10 X 5 = 50 Marks

3. Define Primary Health Care. What are the elements of primary health care?(2+3)
4. Discuss the non-modifiable risk factors for hypertension.
5. Illustrate the diagnostic algorithm for diagnosis of pulmonary tuberculosis in an adult as per RNTCP.
6. What are the duties and responsibilities of the medical officer at Primary health centre?
7. Define fertility. Enumerate the factors responsible for high fertility in India. (2+3)
8. Discuss the problems of adolescent children.
9. Describe epidemiological determinants of poliomyelitis.
10. Discuss the short-term effects of Disaster.
11. Enumerate the sources of health-care wastes. What are the hazards of health-care wastes? (3+5)
12. Classify oral pills and mention the contraindications of oral pills (3+2)

SHORT ANSWERS

10 X 3 = 30 Marks

13. What is Cost Effective and Cost Benefit analysis?
14. What is avoidable blindness? Give three examples.
15. Name the parameters of dengue surveillance.
16. Mention the measures for early detection of breast cancer.
17. What is Minimum Needs Programme? State its importance.
18. What is the role of World Bank in the field of Health?
19. What are the hazards of obesity?
20. What do you mean by Antigenic shift and Antigenic drift?
21. Enumerate the Warning Signs during pregnancy.
22. What is the public health importance of Night blood examination in Filarial survey?





Question Paper Code: RS 114

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

M.B.B.S Phase-III (Part I) Examination MARCH 2022

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 (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 functioning of modern sewage treatment plants with suitable illustrations.
3. Classify Protein Energy Malnutrition. Describe the prevention and control measures for Protein energy malnutrition in India.(4+6)

SHORT ESSAY (Answer any 10)

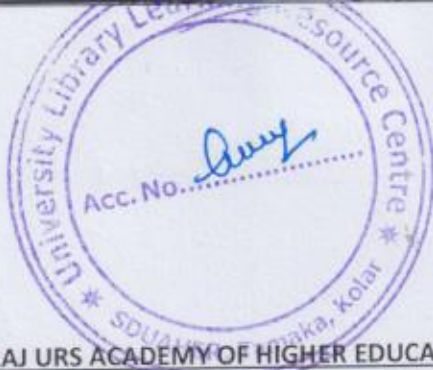
10 X 5 = 50 Marks

4. Describe the measures of morbidity.
5. Describe the natural history of disease. Explain with schematic diagram.
6. Describe the role of Social Media in Health Education.
7. Explain Sample Registration system. Mention its uses.
8. Mention about Ergonomics and its role in prevention of diseases. (2+3)
9. Describe sensitivity and specificity of a screening test.
10. What is Cluster Sampling? Explain with an example.
11. What are the Approaches of Health Education? Describe the Regulatory Approach with example.
12. Mention the objectives of National Mental Health Programme. Briefly describe the main strategies. (2+3)
13. What is chain of infection? Describe the measures of controlling reservoir of infection. (1+4)
14. Describe the important features of National Nutrition Mission.
15. Describe the Engineering Measures for prevention of Occupational Diseases.

SHORT ANSWERS (No choices)

10 X 3 = 30 Marks

16. What Multiphasic screening? Give an example.
17. Describe Epidemiological triad.
18. What is Hardy Weinberg's Law?
19. What is socialized medicine?
20. What is Confidence Interval? Mention its importance.
21. What are the alternate systems of medicine.
22. What is meant by a Vector? Name two vectors and the diseases transmitted by them.
23. Mention Disability with an example.
24. What is Balanced Diet?
25. List THREE approaches for addressing the problem of drug abuse.



Question Paper Code: RS115

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

M.B.B.S Phase-III (Part I) Examination March 2022

Time: 3 hours

Max Marks:100

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 Infant Mortality Rate. Explain the causes for infant mortality in India and measures for their prevention. (3+7)
2. What are the complications of worm infestations in humans and measures to prevent it? (5+5)
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. Discuss the components of Selfcare in Diabetes Mellitus.
5. Describe the strategies adopted under National Cancer control programme in India.
6. Describe the recommendations of Srivastav committee
7. Define fertility. Enumerate the factors responsible for high fertility in India. (2+3)
8. What is child placement and reasons for the same? Mention the different places available for the same. (3+2)
9. What is the mode of transmission of Chikungunya fever? Mention the measures to prevent transmission. (2+3)
10. List the natural family planning methods and enumerate their disadvantages (3+2)
11. Discuss cost-benefit analysis with an example.
12. What is DOTS therapy in tuberculosis and its significance in the control of tuberculosis?
13. Describe Appropriate Technology in Primary Health Care quoting suitable examples.
14. Describe the components of "STOP TB" strategy.
15. Describe the components of post natal care.

SHORT ANSWERS (No choices)

10 X 3 = 30 Marks

16. What are the hazards of obesity?
17. What is Minimum Needs Programme? State its importance.
18. Mention the measures for early detection of breast cancer.
19. List Ford foundation's contribution to India
20. Define Disaster. Give TWO examples for man-made disasters.
21. What is the public health importance of biomedical waste?
22. What are the cardinal signs of Leprosy?
23. What is meant by tracking of blood pressure? Mention its public health importance.
24. What is the public health importance of Night blood examination in Filarial survey.
25. What are Nosocomial infections? Give four examples.