

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

M.B.B.S Phase-III (Part I) Degree Examination November 2021

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 various sanitary methods of disposal of human excreta in a community.

SHORT ESSAY

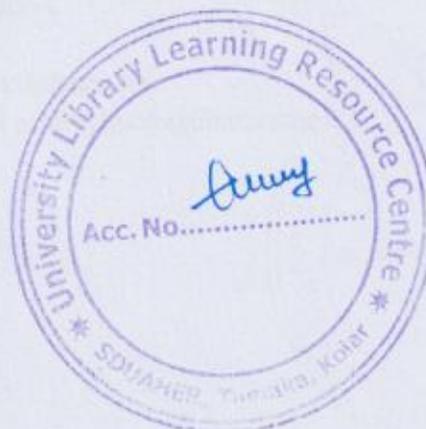
10 X 5 = 50 Marks

3. Describe the National nutritional anaemia control programme.
4. Describe the advantages and disadvantages of Case control study?
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. Describe clinical features and prevention Lead Poisoning.
9. Describe the various measures used to evaluate a screening test.
10. Mention the differences between a screening test and a diagnostic test.
11. Describe the Engineering Measures for prevention of Occupational Diseases.
12. What is Non-Probability Sampling method? Explain different types of non-probability sampling methods. (2+3)

SHORT ANSWERS

10 X 3 = 30 Marks

13. What is Ergotism? Add a note on its prevention
14. What is case fatality rate and its importance in community medicine ?
15. Enumerate the salient features of International Classification of Diseases(ICD).
16. What are the contributions of Louis Pasteur to scientific Medicine
17. What is social security?
18. Mention the micronutrients in nutrition.
19. Give three examples for Folk Media.
20. List THREE approaches for addressing the problem of drug abuse.
21. Describe Legislative approach in Health education with one example.
22. What is Lay reporting? Mention its importance.



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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. What are the complications of worm infestations in humans and measures to prevent it? (5+5)
2. Describe epidemiology and prevention of stroke in India.

SHORT ESSAY

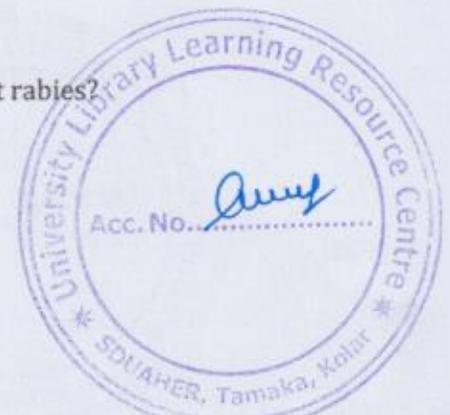
10 X 5 = 50 Marks

3. Describe National Leprosy elimination campaign in India.
4. Describe the methods of Prevention of Rheumatic Heart Disease
5. Describe Acute flaccid paralysis (AFP) Surveillance.
6. Who are neonates, infants and HIGH risk infants ? (1+1+3)
7. What is emergency contraception ? List the methods of emergency contraception. (2+3)
8. Enumerate the sources of health-care wastes. Enumerate the hazards of health-care wastes. (3+2)
9. What is Comprehensive Health Care ?
10. Enumerate the Functions of WHO.
11. Discuss the three tier structure of Panchayath Raj in India.
12. Define Disaster. Explain the Disaster cycle. (2+3)

SHORT ANSWERS

10 X 3 = 30 Marks

13. What are the rationale for Pulse polio immunization in elimination of poliomyelitis from India.
14. What is meant by At-Risk infants.
15. What are the components of DOTS strategy.
16. List Ford foundation's contribution to India
17. Mention the mechanism of action of Copper-T.
18. List the treatment and disposal options for cytotoxic drugs under the new Bio-Medical Waste Management Rules, 2016.
19. List the non-modifiable risk factors for hypertension.
20. What is meant by PPBS?
21. Define Disaster. Give TWO examples for man-made disasters.
22. What are the types of vaccines for post exposure prophylaxis against rabies?



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COMMUNITY MEDICINE - PAPER 1

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LONG ESSAY (Answer any 2)

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.
3. Enumerate the various methods of assessment of nutritional status. Describe the assessment of dietary intake by household survey method. (4+6)

SHORT ESSAY (Answer any 10)

10 X 5 = 50 Marks

4. What is standardized death rates? Describe the types of standardization. (2+3)
5. Explain the two strategies for primary prevention. Mention merits and demerits of each.(2+3)
6. What are the various methods of health education for Groups? Write in brief about Role play.(2+3)
7. Elaborate on Notification of Disease as a Source of Health Information in India.
8. Mention the Medical Measures for prevention of Occupational Diseases. Explain the purpose of Pre Placement examination with example. (2+3)
9. Describe sensitivity and specificity of a screening test.
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.
12. What is Drug Addiction? Describe the symptoms of drug addiction. (2+3)
13. Describe the basic steps in conducting a randomised control trial.
14. Define food fortification. Explain the principles for food fortification with example. (1+4)
15. Mention about Ergonomics and its role in prevention of diseases. (2+3)

SHORT ANSWERS (No choices)

10 X 3 = 30 Marks

16. What is Standard Error? Mention its importance.
17. What is iceberg phenomina in disease?
18. What is Hardy Weinberg's Law?
19. What is social security?
20. Describe Multiphasic screening with an example.
21. Describe Epidemiological triad.
22. Discuss the clinical manifestations of Vitamin A deficiency.
23. Enumerate the diseases transmitted by Soft and Hard ticks.
24. List six contents of Health Communication.
25. What are the contributions of John Snow to Public Health?



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COMMUNITY MEDICINE - PAPER 2

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LONG ESSAY (Answer any 2)

2 X 10 = 20 Marks

1. Enumerate community nutritional programmes in India. List the objectives of mid-day-meal programme. Describe the principles of mid-day-meal programme? (3+3+4)
2. Classify the Intra-uterine devices. Explain the mechanism of action of IUDs and mention the complications of the same. (4+3+3)
3. List the risk factors and complications of Diabetes mellitus. What are the self-care measures in Diabetes mellitus? (3+3+4)

SHORT ESSAY (Answer any 10)

10 X 5 = 50 Marks

4. Enumerate the salient features of National Population Policy 2000.
5. Describe the control measures for Chikungunya.
6. Describe the Epidemiological features of oral cancers in India
7. Differentiate between PERT and CPM.
8. Describe the 3-tier system of health care
9. What is DOTS therapy in tuberculosis and its significance in the control of tuberculosis?
10. Expand UNICEF. Describe the activities of UNICEF in India. (1+4)
11. Describe the uses of growth charts.
12. What is Disaster preparedness? List the components of Disaster preparedness. (2+3)
13. What is the importance biomedical waste management? What are the different stages in biomedical waste management?
14. What is Community Participation? Explain with an example its importance in primary health care.
15. Describe the epidemiology of Diphtheria.

SHORT ANSWERS (No choices)

10 X 3 = 30 Marks

16. List Ford foundation's contribution to India
17. What are the hazards of obesity ?
18. What are the principles of Artificial feeding ?
19. List THREE causes for increased urban population in India.
20. What is meant by PPBS?
21. What is the importance of Night blood examination in Filarial survey?
22. Who is called as presumptive case of Tuberculosis?
23. Mention the average composition of hospital waste in India.
24. Define Disaster. Give TWO examples for man-made disasters.
25. Define Pearl Index.

