

SRI DEVRAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

M.B.B.S Phase-III (Part I) Degree examination JUNE 2023

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 Health Education? Describe the Principles of Health education with examples. (2+8)
2. Define Adverse Event Following Immunization(AEFI). What are the types of AEFI? Describe the steps involved in investigation of AEFI. (2+4+4)

SHORT ESSAY

10 X 5 = 50 Marks

3. Discuss various problems in Elderly. Discuss three social security measures for the benefit of elderly population. (3+2)
4. What is Vaccine Vial Monitor (VVM)? What are the types of VVM and its role in cold chain. (3 + 2)
5. Define Surveillance. Describe the various types of surveillance. (2+3)
6. What is Systematic Random Sampling? Explain with an example.(2+3)
7. Enumerate Food toxins and describe the diseases caused by them. (2+3)
8. Define Eugenics. Explain negative and positive eugenics with examples. (1+2+2)
9. Describe the methods of purification of water on small scale at domestic level.
10. What is screening for disease? Describe the types of screening? (2 + 3)
11. Discuss about the Rehabilitation of a drug abuser.
12. Describe clinical features and prevention Lead Poisoning.

SHORT ANSWERS

10 X 3 = 30 Marks

13. What is predictive value of negative screening test?
14. Describe the salient features of Food Pyramid.
15. What is Sickness Absenteeism?
16. Describe the differences between Source and Reservoir of infection with an example for each.
17. Enumerate the salient features of International Classification of Diseases(ICD).
18. Mention 3 differences between Eugenics and Euthenics.
19. What is Sampling? Mention the types of sampling.
20. Mention the Components of Communication Process.
21. Enumerate the rodenticides used in India.
22. List THREE approaches for addressing the problem of drug abuse.

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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 is a disaster? Classify disaster with suitable examples. Briefly describe the steps of a disaster cycle.
2. Define Peri-natal Mortality Rate. Explain the causes and measures for reduction of peri-natal mortality in India. (2+4+4)

SHORT ESSAY

10 X 5 = 50 Marks

3. Illustrate the diagnostic algorithm of diagnosis of pulmonary tuberculosis in an adult as per RNTCP.
4. Describe the steps in prevention of road traffic accidents.
5. Describe components of APGAR score in newborn care and mention the normal APGAR score.(3+2)
6. Describe Acute flaccid paralysis (AFP) Surveillance.
7. Discuss various functions of Primary Health Centre
8. Classify and enumerate various health management techniques.
9. What is Community Need Assessment Approach (CNAA)? Explain with an example of CNAA in Family planning. (2+3)
10. List the health/medical activities involved in Disaster mitigation.
11. What is the importance biomedical waste management? What are the different stages in biomedical waste management?
12. Expand UNICEF. Describe the activities of UNICEF in India. (1+4)

SHORT ANSWERS

10 X 3 = 30 Marks

13. Enumerate the deformities in Leprosy.
14. List the health promotional activities to the school children.
15. List THREE advantages and disadvantages of condom.
16. List THREE functions of ILO.
17. Define Pearl Index.
18. What is meant by PPBS?
19. List the non-modifiable risk factors for hypertension.
20. What are the types of vaccines for post exposure prophylaxis against rabies?
21. List the treatment and disposal options for cytotoxic drugs under the new Bio-Medical Waste Management Rules, 2016.
22. What are Unilateral and Bilateral Health Agencies? Write two examples of each.

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COMMUNITY MEDICINE - PAPER 1

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LONG ESSAY (Answer any 2)

2 X 10 = 20 Marks

1. Mention the measures that can be taken to prevent Occupational Diseases. Discuss in detail the Medical and Engineering measures in the prevention of occupational diseases. (4+6)
2. Define epidemiology. Describe the steps in cohort studies. Mention the advantages of cohort studies over case control study. (2+5+3)
3. Describe the functioning of modern sewage treatment plants with suitable illustrations.

SHORT ESSAY (Answer any 10)

10 X 5 = 50 Marks

4. What is Pastuerisation of Milk? Explain various types and uses of Pastuerisation. (1+2+2)
5. Describe briefly the types of randomised control trials with examples.
6. Mention the benefits under ESI and explain the maternity benefits. (2 + 3)
7. Describe the natural history of disease. Explain with schematic diagram.
8. What is Pictogram? Illustrate with an example. (2+3)
9. What are the various methods of health education for Groups? Write in brief about Role play.(2+3)
10. What is sanitary well? Describe the criteria for a sanitary well. (2+3)
11. Describe the epidemiological triad for drug dependence.
12. Discuss various problems in Elderly. Discuss three social security measures for the benefit of elderly population. (3+2)
13. What are the criteria for the **disease** to be screened?
14. Describe types of Genetic Counselling with examples.
15. What is food pyramid? Discuss its importance. (2+3)

SHORT ANSWERS (No choices)

10 X 3 = 30 Marks

16. What is 'lead time' with respect to a screening test? .
17. Enumerate the health effects of air pollution.
18. Mention the salient features of work shop.
19. What is Crude Death Rate (CDR)? Mention one advantage and one disadvantage of CDR.
20. Mention the causes and prevention of Occupational Dermatitis.
21. What is Ergotism? Add a note on its prevention
22. What is Sentinel Surveillance? Give two examples.
23. List the social and environmental factors associated with mental ill-health.
24. What is Confidence Interval? Mention its importance.
25. What is Germ theory of disease causation?

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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 reproductive health. Describe the main components of Reproductive and Child Health Programme (RCH) in India. (2+8)
2. Define Primary Health Care. Discuss the elements of primary health care. (2+8)
3. Describe the epidemiological determinants of Cholera and its prevention and control. (5+5)

SHORT ESSAY (Answer any 10)

10 X 5 = 50 Marks

4. Describe functions of Medico Social Worker in Health of the Community
5. Discuss PERT with the help of a diagram.
6. Describe the Epidemiological features of oral cancers in India
7. What is Disaster mitigation? Mention the steps in Disaster mitigation. (2+3)
8. Describe the uses of growth charts.
9. Describe Acute flaccid paralysis (AFP) Surveillance.
10. What is DOTS- plus strategy? Mention the framework of DOTS plus programme.(2+3)
11. What is Emergency contraception ? Mention the methods. (2+3)
12. Expand UNICEF. Describe the activities of UNICEF in India. (1+4)
13. What is the importance biomedical waste management? What are the different stages in biomedical waste management?
14. Discuss the concept of "Maternal near miss" and What are the 3 Delays ? (3+2)
15. Explain the strategies to prevent Iodine deficiency under National Goitre Control Programme.

SHORT ANSWERS (No choices)

10 X 3 = 30 Marks

16. Classify and list the contraceptive methods.
17. What is the role of Supplementary Immunization Activity (SIA) in Poliomyelitis?
18. List SIX functions of WHO.
19. List six health problems of school children.
20. What is Sentinel surveillance in National AIDS control programme?
21. Define Economic blindness and Social blindness.
22. What is meant by PPBS?
23. List the bio-medical waste types that are NOT to be incinerated.
24. What are the hazards of obesity.
25. What are Unilateral and Bilateral Health Agencies? Write two examples of each.