Time: 150 Minutes   **Max Marks: 80 Marks**

Community Medicine I QP Code C-3081

(Your answer should be specific to the question asked
Draw neat labeled diagrams wherever necessary)

Long Essay   **10 × 2 = 20 Marks**

1. What is Health Education? Describe the various methods of Health Communication. (2+8)

2. Describe the objectives and functioning of Food Safety and Standards Authority of India(FSSAI).

Short Essay   **5 × 12 = 60 Marks**

3. Explain the strategies for primary prevention. Mention merits and demerits of each.(2+3)

4. Define Impairment and Disability. Explain with an example. (3+2)

5. Discuss the Composting method of solid waste disposal.

6. Describe the anti larval measures in vector control with examples.

7. Discuss the Types of Epidemiological Studies used for Health Research with examples

8. Define prevalence of disease. Describe the types of the same with examples (1+4)

9. Define epidemic, endemic, sporadic and pandemic with examples. (2+3)

10. Discuss the five methods of prenatal diagnosis for genetic disorders along with its indications.

11. What is Systematic Random Sampling? Explain with an example.(2+3)

12. What are the contributions of John Snow to Public Health ?

13. Describe the epidemiological triad for drug dependence with examples.

14. What is screening for disease? Mention the types and uses of screening. (1+2+2)

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

MBBS Phase I Examination - January 2023

Time: 150 Minutes   **Max Marks: 80 Marks**

Community Medicine I QP Code C-3081

(Your answer should be specific to the question asked
Draw neat labeled diagrams wherever necessary)

Time: 150 Minutes   **Max Marks: 80 Marks**

Community Medicine Paper II QP Code C-3082

(Your answer should be specific to the question asked
Draw neat labeled diagrams wherever necessary)

Long Essay   **10 × 2 = 20 Marks**

1. A 3.5year old child presented with history of fever, cough and watering of eyes since a week. After 2-3 days the child developed maculo-papular rash which first developed over the face and neck, then extended down to the body and lower extremities. Discuss the differential diagnosis, preventive measures for the condition, management and possible complications of the same.

2. What is comprehensive health care? Explain its incorporation in the functioning of a primary health center?

Short Essay   **5 × 12 = 60 Marks**

3. Define Population Density. Describe the causes for increase in urban population in India. (1+4)

4. Describe Emergency contraception? What are the different methods of emergency contraception. (2+3)

5. Describe the epidemiological factors of Rabies.

6. What is the Rationale of multi drug therapy in Leprosy? Mention the chemotherapy regimen for Leprosy.

7. Describe the methods of Prevention of Rheumatic Heart Disease

8. Explain the role of diet in causation and prevention of non-communicable diseases.

9. What are the different quantitative management techniques?

10. What is Sentinel surveillance? Explain with example. (2+3)

11. Describe the components of "Essential obstetric care" as per Reproductive and Child Health (RCH) phase II programme.

12. Enumerate the Functions of WHO.

13. Describe Mother Craft technique and Mention the activities undertaken on VHSNDs. (2+3)

14. Define Neonatal Mortality Rate. Explain the causes of the same. (2+3)

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)
M.B.B.S Phase-III (Part I) Degree examination January 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 (Answer any 2)   *2 X 10 = 20 Marks*
1. Explain the concept of natural history of a disease and illustrate with the help of a diagram. (6+4)
2. Describe the steps of conducting a case control study. What are the disadvantages of case control study? (6+4)
3. Describe the criteria for a disease to be screened and for a test to be accepted as a screening test. (5+5)

SHORT ESSAY (Answer any 10)   *10 X 5 = 50 Marks*
4. What is meant by Specific Protection? Explain with suitable examples. (2+3)
5. Describe the steps in conducting a randomised control trial.
6. Describe Mass Media Approachs in Health Education.
7. Define food fortification. Explain the principles for food fortification with example. (1+4)
8. Enumerate the measures to be taken to maintain hygiene of swimming pools.
9. What is Normal Distribution Curve? Illustrate with the help of a diagram. (2+3)
10. What are the criteria for an investigation to be accepted as a screening test?
11. Describe the role of family in health and disease.
12. Explain the components of Community Mental Health Programme.
13. Describe the Medical Benefits for Employees under ESI Act.
14. What is Hardy Weinberg Law? Enumerate the factors that affect it. (3+2)
15. What are various Theories of Disease Causation? Describe the Multifactorial Causation Theory with example.

SHORT ANSWERS (No choices)   *10 X 3 = 30 Marks*
16. Mention 3 differences between Eugenics and Euthenics.
17. Describe the concept of 'Reverse' cold chain.
18. What is Bagassosis?
19. What is Spectrum of disease?
20. What is GDP. Mention its relevance to Health care.
21. Mention the additional nutritional requirements during Pregnancy and Lactation.
22. What are the types of Barriers of Communication? Give examples
23. Enumerate the rodenticides used in India.
24. What is Standard deviation?
25. What is High Risk screening? Give two examples. (1+2)

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)
M.B.B.S Phase-III (Part I) Degree examination January 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 (Answer any 2) *2 X 10 = 20 Marks*

1. Explain the concept of natural history of a disease and illustrate with the help of a diagram. (6+4)
2. Describe the steps of conducting a case control study. What are the disadvantages of case control study? (6+4)
3. Describe the criteria for a disease to be screened and for a test to be accepted as a screening test. (5+5)

SHORT ESSAY (Answer any 10) *10 X 5 = 50 Marks*

4. What is meant by Specific Protection? Explain with suitable examples. (2+3)
5. Describe the steps in conducting a randomised control trial.
6. Describe Mass Media Approachs in Health Education.
7. Define food fortification. Explain the principles for food fortification with example. (1+4)
8. Enumerate the measures to be taken to maintain hygiene of swimming pools.
9. What is Normal Distribution Curve? Illustrate with the help of a diagram. (2+3)
10. What are the criteria for an investigation to be accepted as a screening test?
11. Describe the role of family in health and disease.
12. Explain the components of Community Mental Health Programme.
13. Describe the Medical Benefits for Employees under ESI Act.
14. What is Hardy Weinberg Law? Enumerate the factors that affect it. (3+2)
15. What are various Theories of Disease Causation? Describe the Multifactorial Causation Theory with example.

SHORT ANSWERS (No choices) *10 X 3 = 30 Marks*

16. Mention 3 differences between Eugenics and Euthenics.
17. Describe the concept of 'Reverse' cold chain.
18. What is Bagassosis?
19. What is Spectrum of disease?
20. What is GDP. Mention its relevance to Health care.
21. Mention the additional nutritional requirements during Pregnancy and Lactation.
22. What are the types of Barriers of Communication? Give examples
23. Enumerate the rodenticides used in India.
24. What is Standard deviation?
25. What is High Risk screening? Give two examples. (1+2)

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)
M.B.B.S Phase-III (Part I) Examination January 2023

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. Describe epidemiology and prevention of stroke in India.
2. Enumerate community nutritional programmes in India. List the objectives of mid-day-meal programme. Desribe the principles of mid-day-meal programme? (3+3+4)
3. Classify the family planning methods. Manage a newly married couple visiting your clinic seeking the advice about the family planning method. (4+6)

SHORT ESSAY (Answer any 10)   *10 X 5 = 50 Marks*
4. What is MDR tuberculosis? List the reasons for increase in MDRTB in India.
5. Explain the role of diet in causation and prevention of non-communicable diseases.
6. Discuss the short-term effects of Disaster.
7. Discuss the functions of Health Assistant Female
8. What are the anthropometric measurements and indices used for the nutritional status assessment of pre school children.State the nutritional problems of the same. (3+2)
9. Enumerate the types of combined pills. List the advantages of oral pills. (3+2)
10. What is the Treatment plan for a child with dehydration according to IMNCI?
11. Classify and enumerate various health management techniques.
12. What is the importance of biomedical waste management? What are the different stages in biomedical waste management?
13. Expand UNICEF. Describe the activities of UNICEF in India. (1+4)
14. Define Primary Health Care and what are the principles of Primary Health Care, give examples. (1+4)
15. Describe the problems of street children and list the measures taken against same. (3+2)

SHORT ANSWERS (No choices)   *10 X 3 = 30 Marks*
16. List six health problems of adolescent children.
17. What are types blindness as per VISION 2020 programme ? Mention the causes for those types of blindness.
18. List Rockfeller foundation's contribution to India.
19. What do you mean by Antigenc shift and Antigenic drift?
20. Define Economic blindness and Social blindness.
21. List the treatment and disposal options for cytotoxic drugs under the new Bio-Medical Waste Management Rules, 2016.
22. Define Couple Protection Rate (CPR)
23. Enumerate the steps in Disaster mitigation.
24. What are Unilateral and Bilateral Health Agencies? Write two examples of each.
25. What is Network analysis? List the types of network analysis.

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)
M.B.B.S Phase-III (Part I) Degree examination January 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. Explain the concept of natural history of a disease and illustrate with the help of a diagram. (6+4)
2. Describe the various health hazards among industrial workers. List the health problems of agricultural workers. (6+4)

SHORT ESSAY   *10 X 5 = 50 Marks*
3. Describe the health hazards of Ultra violet rays.
4. Mention four socio-economic status classifications used in India and discuss any one of them.(2+3)
5. What is Systematic Random Sampling? Explain with an example.(2+3)
6. Enumerate risk factors. Describe the concept of Risk Approach with example. (2+3)
7. Describe the Engineering Measures for prevention of Occupational Diseases.
8. Describe briefly the types of randomised control trials with examples.
9. Mention the anthropometric measurements used for assessing the nutritional status of the children.
10. What are the Models of Health Education? Describe the Motivation Model with example.
11. Name four substances used for Substance abuse .Discuss the factors associated with substance abuse.(2+3)
12. What is screening for disease? Describe the types of screening with examples. (1+4)

SHORT ANSWERS   *10 X 3 = 30 Marks*
13. Mention THREE important use of Vital Statistics.
14. What is food fortification? Give examples.
15. What is a confounding factor? Give an example.
16. What is primordial and primary prevention. Give example
17. List the diseases transmitted by rats.
18. What are the types of Barriers of Communication? Give examples
19. What are the contributions of Hippocrates to medicine?
20. List THREE approaches for addressing the problem of drug abuse.
21. What is social security?
22. What is "lead time" in screening.

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)
M.B.B.S Phase-III (Part I)Degree examination January 2023

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. Enumerate and discuss the steps of evaluation of health services
2. List the risk factors and complications of Diabetes mellitus. What are the self-care measures in Diabetes mellitus? (3+3+4)

SHORT ESSAY   *10 X 5 = 50 Marks*
3. Describe the measures adopted for Prevention and control of Tetanus neonatarum.
4. Who are neonates, infants and HIGH risk infants ? (1+1+3)
5. Define Life expectancy. Mention the life expectancy in India. What are the reasons for increase in the life expectancy in India (2+1+2)
6. Discuss various functions of Primary Health Centre
7. What is the importance of biomedical waste management? What are the different stages in biomedical waste management?
8. What is Disaster mitigation? Mention the steps in Disaster mitigation. (2+3)
9. Describe the recommendations of Kartarsingh committee
10. What is cancer regisrty ? What are the types ?List three uses of cancer registries.(1+2+2)
11. Describe National Leprosy elimination campaign in India.
12. Enumerate the Functions of WHO.

SHORT ANSWERS   *10 X 3 = 30 Marks*
13. What is avoidable blindness?Give three examples.
14. What is the causative agent for COVID-19 and the risk groups for its causation?
15. Enumerate the deformities in Leprosy.
16. Describe the National Family Indeminity Scheme(NFPIS).
17. What is Juvenile delinquency ?
18. List the bio-medical waste types that are NOT to be incinerated.
19. List THREE functions of ILO.
20. What is Disaster Cycle. Enumerate different steps of the cycle
21. What are Unilateral and Bilateral Health Agencies? Write two examples of each.
22. What is Network analysis? List the types of network analysis.