SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH

M B B S Phase III Part I Examinations, December 2023

Time: 180 Minutes   **Max Marks: 80 Marks**

Community Medicine Paper I
QP CODE: C3081
Your answer should be specific to the question asked
Draw neat labelled diagrams wherever necessary

Long Essay 10 × 2 = 20 Marks

1. What is Health Education? Describe the Principles of Health education with examples. (2+8)

2. Describe the Purification Process of Water on Large Scale with suitable illustrations.

Short Essay 5 × 12 = 60 Marks

3. Enumerate the Determinants of Health. Briefly describe them. (2+3)

4. Explain the strategies for Primary Prevention. Mention merits and demerits of each.(2+3)

5. Explain the Coherence and Consistency of Association with an Example.

6. Define Isolation and Quarantine. Explain with example of each. (2+3)

7. Discuss the five methods of Prenatal Diagnosis for Genetic Disorders along with its Indications.

8. Describe the "Great Sanitary Awakening".

9. Discuss about the Rehabilitation of a Drug Abuser.

10. Discuss the Clinical Manifestations of Vitamin A deficiency.

11. Describe the salient features of Food Pyramid.

12. Describe the causes and prevention of Accidents in Industry. (2+3)

13. Describe the concept of 'False Positive' and 'False Negative' in a screening test. Mention their relationship with Sensitivity and Specificity of disease. (3+2)

14. A RCT was carried out for checking the efficacy of cervical vaccine among adolescent's girls in tribal population. One group of adolescent girls received already existing HPV Vaccine. The other group received a new vaccine by a pharmaceutical company which was yet to be approved by DGCI. What are the ethical issues encountered in this scenario and how do you overcome it?

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M B B S Phase III Part I Examinations, December 2023

Time: 180 Minutes   **Max Marks: 80 Marks**

Community Medicine Paper II
QP CODE: C3082
Your answer should be specific to the question asked
Draw neat labelled diagrams wherever necessary

Long Essay 10 × 2 = 20 Marks

1. Describe epidemiology and prevention of stroke in India.

2. Define Primary Health Care. Explain the principles of Primary Health Care with suitable examples. (2+8)

Short Essay 5 × 12 = 60 Marks

3. Describe cafeteria approach in family planning, List the criteria for an ideal candidate for IUCDs. (2+3)

4. Define Total fertility rate and Total Marital Fertility rate. Describe the factors influencing fertility in India. (2+3)

5. Describe the case management of H1N1 during pandemic.

6. What is the importance of International certificate of vaccination against yellow fever?

7. Describe the intradermal schedules of cell culture vaccine for rabies.

8. What is the composition of ORS? How will you advice a mother to prepare ORS solution for her dehydrated child? (2+3)

9. Mention the differences between Cost benefit analysis and Cost effective analysis.

10. Describe the parameters of dengue surveillance.

11. Describe the essential newborn care.

12. Explain GOBI FFF. Programme

13. Mention the conditions of HIGH Risk pregnancy"

14. Define At-Risk infants? Explain its importance. (2+3)

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(A DEEMED TO BE UNIVERSITY)
M.B.B.S Phase-III (Part I) Degree examination Dec 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 Passive Immunity? Classify Immunizing agents. Mention the current National Immunization Schedule of our country. (1+4+5)
2. Describe the criteria for a disease to be screened and for a test to be accepted as a screening test. (5+5)

SHORT ESSAY   ***10 X 5 = 50 Marks***
3. Describe the health hazards of Ultra violet rays.
4. Draw a schematic diagram of Natural history of disease and explain with example.
5. Mention the signs of vitamin A deficiency.Explain the measures taken to prevent this. (2+3)
6. What are the Models of Health Education? Describe the Motivation Model with example.
7. Compare and contrast public health consultant and clinical specialist.
8. Describe 'Disease control', 'Disease elimination' and 'Disease eradication' with suitable example for each
9. Describe the role of family in health and disease.
10. What is Cluster Sampling? Explain with an example.
11. Explain the components of Community Mental Health Programme.
12. Describe types of Genetic Counselling with examples.

SHORT ANSWERS   ***10 X 3 = 30 Marks***
13. What is Farmer s lung?
14. Discuss the role of Record linkage as a source of Health Information.
15. What are the alternate systems of medicine.
16. What is Blinding in epidemiological studies? What are the types of blinding. (1+2)
17. What is Balanced Diet?
18. What is Sentinel Surveillance? Give two examples.
19. What is socialized medicine?
20. What is consanguinous marriage? List its importance in genetic diseases.
21. Enumerate the anti larval measures for the control of vectors..
22. Enlist the Principles of Health Education.

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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. A ten months old child has presented with fever, coryza, congested conjunctiva, cough, skin rash and features of malnutrition. How will you manage the case as per IMNCI guidelines?
2. Define Primary Health Care. Explain the principles of Primary Health Care with suitable examples. (2+8)

SHORT ESSAY   *10 X 5 = 50 Marks*

3. Define Maternal Mortality Rate (MMR) and list the causes of MMR.(2+3)
4. Describe the Post exposure prophylaxis in HIV infection.
5. Describe Health Care Delivery Systems in India
6. What is Emergency contraception ? Mention the methods. (2+3)
7. Describe the methods of screening for diabetes mellitus.
8. Classify and enumerate various health management techniques.
9. Discuss the short-term effects of Disaster.
10. Expand UNICEF. Describe the activities of UNICEF in India. (1+4)
11. Explain the strategies to prevent Iodine deficiency under National Goitre Control Programme.
12. Enumerate the sources of health-care wastes. Enumerate the hazards of health-care wastes. (3+2)

SHORT ANSWERS   *10 X 3 = 30 Marks*

13. List THREE natural family planning methods.
14. Define Disaster. Give TWO examples for man-made disasters.
15. Define LOW birt weight baby.
16. Define blindness according to WHO.
17. List SIX functions of WHO.
18. What is the treatment regimen for multi-bacillary Leprosy as per NLEP?
19. What are the active surveillance activities in Malaria prevention and control?
20. List six health problems of adolescent children
21. What is the role of Supplementary Immunization Activity (SIA) in Poliomyelitis?
22. What is Network analysis? List the types of network analysis.

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COMMUNITY MEDICINE - PAPER 1

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

<u>LONG ESSAY (Answer any 2)</u>   2 X 10 = 20 Marks

1. Describe the functioning of modern sewage treatment plants with suitable illustrations.
2. 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)
3. Define Epidemiology. Classify Epidemiological study designs. What are the differences between case control and cohort studies? (2+3+5)

SHORT ESSAY (Answer any 10)   ***10 X 5 = 50 Marks***
4. Discuss five harmful effects of improper housing.
5. What is meant by Specific Protection? Explain with suitable examples. (2+3)
6. Describe the specific host defences against infection with suitable examples.
7. Describe the National nutritional anaemia control programme.
8. Discuss the Principles of Health Education.
9. Discuss about the Rehabilitation of a drug abuser.
10. Describe meaures of Central Tendency. Mention their merits and demerits.
11. Enumerate occupational cancers with their causative agents and various measures to prevent them. (3+2)
12. What is screening for disease? Describe the types of screening with examples. (1+4)
13. What is broken family and what are impact of broken family on community?
14. Describe types of Genetic Counselling with examples.
15. Describe the concepts of Well-Being.

SHORT ANSWERS (No choices)   ***10 X 3 = 30 Marks***
16. what are the nutrients in cow's milk? Enumerate the milk borne diseases.
17. Define Infection and Infestation. Explain with one example each.
18. Mention the main differences between primordial and primary prevention.
19. What is Confidence Interval? Mention its importance.
20. What is multifactorial inheritance? Give TWO examples.
21. Enumerate the anti larval measures for the control of vectors.
22. Enumerate the health effects of air pollution.
23. List six contents of Health Communication.
24. List the social and environmental factors associated with mental ill-health.
25. What is Sickness Absenteeism?

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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. What are the complications of worm infestations in humans and measures to prevent it? (5+5)
2. List the objectives of antenatal care. Describe the various measures to attain the objectives.(4+6)
3. 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)

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

4. Describe Health Care Delivery Systems in India
5. Describe the WHO classification of Leprosy with its public health importance.
6. What is epidemiological transition ? Discuss the hazards of epidemiological transition in India. (2+3)
7. Describe the functions of tuberculosis unit in India.
8. What is Health Planning? Illustrate the Health planning cycle with the help of a diagram. (1+4)
9. Describe components of APGAR score in newborn care and mention the normal APGAR score.(3+2)
10. What is Emergency contraception ? Mention the methods. (2+3)
11. Discuss the short-term effects of Disaster.
12. Expand UNICEF. Describe the activities of UNICEF in India. (1+4)
13. Enumerate the sources of health-care wastes. Enumerate the hazards of health-care wastes.   (3+2)
14. Explain the Epidemiological indices of Malaria.
15. Describe the Epidemiological features of oral cancers in India

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

16. What is Juvenile delinquency ?
17. Describe the National Family Indeminity Scheme (NFPIS).
18. Mention the danger signals of cancer.
19. List THREE causes for increased urban population in India.
20. Enumerate the deformities in Leprosy.
21. What is the treatment regimen for multi-bacillary Leprosy as per NLEP?
22. List six Risk Factors for coronary heart disease
23. What is meant by PPBS?
24. Define Disaster. Give TWO examples for man-made disasters.
25. What are Unilateral and Bilateral Health Agencies? Write two examples of each.