



All India Institute of Medical Sciences, Kalyani
Third Professional MBBS Supplementary Examination, March 2024
Time: 3 Hrs. Community Medicine & Family Medicine Marks: 100
Paper-I

INSTRUCTIONS:

- Answer all questions.
- Illustrate your answers with well labelled diagram wherever necessary.
- Answer each section in a separate answer book.

SECTION – A (50 MARKS)

Long answer question:

[2+4+2+2=10]

1. You are posted at a primary health centre as a medical officer. One day in your OPD, you received 3 young male patients with complaints of fever, malaise, loss of appetite, abdominal discomfort, dark-coloured urine and jaundice, from a village 5 km from the health centre. Next day again 6 patients reported to your OPD with similar clinical presentation. There is news about spread of Jaundice in the village.
 - a. What are the preliminary requirements to proceed to conduct the investigation?
 - b. What steps would you take to investigate it?
 - c. How will you apply control measures in this scenario?
 - d. How will you prepare the report and disseminate it for the further action?

Answer the following: -

[8×5=40]

2. Purification of water during epidemic of diarrhea at household and community level.
3. Pradhan Mantri Surakshit Matritva Abhiyan
4. Enumerate the Solid Waste Disposal Methods and discuss any one in detail.
5. Principles of designing a mid-day meal for school children
6. In your district the immunization rate has fallen to 50%. How would you investigate to find out the reason?
7. What is 'Network Analysis'? What are its uses?
8. Define health education. How does it differ from BCC?
9. What is "DASH" approach in Hypertension? Explain with suitable examples.

SECTION – B (50 MARKS)

Long answer question:

[3+2+1+4=10]

1. List the water related diseases. What do you understand by chlorine demand? Mention the name of the instrument used to measure it. How is water purified on a large scale?

Write Short notes on:

[8×5=40]

2. Ayushman Arogya Mandir
3. Human Development Index
4. Contribution of John Snow to public health in the 1850s
5. Demographic gap and demographic transition
6. Sentinel Surveillance
7. Unmet need for family planning
8. What is health insurance and what are different types of Health insurance available in India?
9. Write short note on Ecological Fallacy with a suitable example?
