

**SOCIAL AND PREVENTIVE MEDICINE**

**PAPER-IV**

Time: 3 Hours  
Max. Marks: 100

SPM/D/19/45/IV

**Important Instructions:**

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts, wherever appropriate.

**Write short notes on:**

1. a) Recent advances in tuberculosis control in India. 5+5  
b) Recent advances in malaria control in India.
2. a) Recent advances in HIV management. 5+5  
b) Recent advances in immunization program in India.
3. a) National health protection scheme. 5+5  
b) Bridge course for community health officers: Critically comment.
4. a) Network analysis and its uses in public health. 5+5  
b) Cost benefit analysis and its application in medical care in hospital.
5. a) Indian Public Health Standards for Sub Centre. 5+5  
b) Indian Public Health Standards for District Hospital.
6. a) Electronic health record system and its advantages. 5+5  
b) Role of software in Epidemiological research.
7. a) Component of evaluation. 3+7  
b) How will you evaluate the functioning of Primary Health Centre?
8. a) Structure of Health Care Delivery in urban India. 5+5  
b) What changes are required to make it universal for urban population?
9. a) What do you understand by Manmade disasters? 3+4+3  
b) What is the role of public health professionals in prevention of this?  
c) District Epidemiology Unit.
10. In a district of Eastern UP with 1 lakh population, 100 under five children with fever, rash, altered sensorium and some with convulsion were admitted in a hospital. As a District Medical Officer, how will you plan various investigative and control activities in the district. 10

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