

**SOCIAL AND PREVENTIVE MEDICINE****PAPER-IV**

Time: 3 Hours

SPM/D/19/45/IV

Max. Marks: 100

**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:**

- Recent advances in tuberculosis control in India. 5+5
  - Recent advances in malaria control in India.
- Recent advances in HIV management. 5+5
  - Recent advances in immunization program in India.
- National health protection scheme. 5+5
  - Bridge course for community health officers: Critically comment.
- Network analysis and its uses in public health. 5+5
  - Cost benefit analysis and its application in medical care in hospital.
- Indian Public Health Standards for Sub Centre. 5+5
  - Indian Public Health Standards for District Hospital.
- Electronic health record system and its advantages. 5+5
  - Role of software in Epidemiological research.
- Component of evaluation. 3+7
  - How will you evaluate the functioning of Primary Health Centre?
- Structure of Health Care Delivery in urban India. 5+5
  - What changes are required to make it universal for urban population?
- What do you understand by Manmade disasters? 3+4+3
  - What is the role of public health professionals in prevention of this?
  - District Epidemiology Unit.
- 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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