

**SOCIAL AND PREVENTIVE MEDICINE**

**PAPER – I**

SPM/D/13/45/I

Time : 3 hours

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.

1. Write briefly about the contribution of the following persons to Public Health: 2+2+2+2+2
  - a) John Snow
  - b) James Lind
  - c) Edwin Chadwick
  - d) Ignaz Semmelweis
  - e) Louis Pasteur
  
2.
  - a) What do you understand by the term "Determinants of Health"? 2+8
  - b) List and briefly describe any four determinants of health applicable to a tribal population.
  
3.
  - a) List and briefly describe five criteria which characterize an ideal health indicator. 5+5
  - b) List and briefly describe five indicators which measure mortality in a population residing in an urban underprivileged area.
  
4.
  - a) What are "levels of prevention"? 1+9
  - b) Apply the levels of prevention and design a strategy to prevent cerebrovascular accidents (stroke) in the area covered by a Primary Health Centre.
  
5.
  - a) Identify and briefly describe four barriers to communication in educating rural communities. 4+6
  - b) Briefly describe a strategy to educate a rural population, aimed at reducing morbidity and mortality due to dengue fever.
  
6.
  - a) Classify Epidemiologic studies. 3+7
  - b) Select and describe the steps of a study designed to assess the association between consumption of drug - X during pregnancy and the subsequent occurrence of birth defects.

P.T.O.