

SOCIAL AND PREVENTIVE MEDICINE**PAPER-I**Time: 3 hours
Max. Marks:100

SPM/J/19/45/I

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) Concept of natural history of disease. 5+5
b) Natural history of Carcinoma Cervix and its application on prevention.
2. a) Social problems related to gender in India. 5+5
b) Prevention of gender based violence.
3. a) Methods of Participatory Learning and Action (PLA) in health. 5+5
b) Use of PLA in child health.
4. a) Bias in Case Control studies, explain with examples. 5+5
b) Methods to control bias in Case Control studies.
5. a) Parametric tests of significance. 5+5
b) Non-Parametric tests of significance.
6. a) Principles of Universal Health Coverage. 5+5
b) Indicators of Universal Health Coverage.
7. a) Randomization in Randomized Control Trials. 5+5
b) Analysis in Randomized Control Trials.
8. a) Socio-economic scales in India. 5+5
b) Importance of Socio-economic factors in health and disease.
9. a) Application of Genetics in Public health. 5+5
b) Ethics in Genetic Epidemiology.
10. a) Urbanization and health 5+5
b) Social effects of urbanization
