

**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                                         |     |

\*\*\*\*\*