



SOCIAL & PREVENTIVE MEDICINE

PAPER – III

SPM/D/14/45/III

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. What are the causes of low birth weight in India? Describe direct and indirect intervention measures for prevention of low birth weight. 4+(3+3)
2. Discuss salient features of National Policy for the Empowerment of Women, 2001. Write briefly critical comments on its content and progress. 7+3
3. Define obesity in children. Plan a program for prevention of childhood obesity in school. 2+8
4. Discuss reasons and implications of adverse sex ratio. Suggest strategies and methods for the improvement in sex ratio. 4+6
5. Write briefly about the new development in reproductive and child health program. Write current objectives and strategies adopted by the government to stabilize the population. 3+7
6. What is the role of isolation and quarantine in prevention and control of an epidemic? Describe in brief these techniques in H₁N₁ pandemic. 4+6
7. Differentiate reliability from validity. Explain the concepts with example. 10
8. What are the objectives of National Program for Prevention and Control of Cancer, Diabetes, Cardiovascular Diseases and Stroke (NPCDCS)? Write in brief its strategies and bottlenecks. 3+(4+3)
9. What are non-random samples? How are they useful in understanding causation? Describe lot quality technique. 5+2+3
10. What is vital statistics? Where can we use life table and survival analysis in medical science? Explain with example. 2+8

