

SOCIAL AND PREVENTIVE MEDICINE

PAPER – IV

SPM/D/17/45/IV

Time : 3 hours

Max. Marks : 100

- 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 question to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

Write short notes on:

- Salient features of MTP Act 1971. 5+5
 - Your recommendations regarding amendments to this Act in the light of judgments of various courts in the country
- Submit a proposal for a National Road Traffic Accident Prevention and Control Programme for the country. 10
- 20 patients have been admitted to the local Government hospital with microbiological confirmation of new dengue strain. Submit a plan for investigation and containing this incident. 10
- Define 'Nutraceuticals' with examples. 3+7
 - Food Standards and Safety Authority Guidelines for regulation of 'Nutraceuticals'
- What is 'depression'? 2+3+5
 - Clinical features for diagnosing depression.
 - Strategy for secondary prevention of depression in rural India.
- Enumerate the steps in health education planning. 5+5
 - Focus Group Discussion.
- Role of Niti Aayog in health planning. 5+2+3
 - Social pathology.
 - Social Security.

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| 8. | a) Parametric Tests
b) Blinding in research studies.
c) Heat Stress Indices | 4+2+4 |
| 9. | a) Pearl's Index
b) Work Sampling
c) Difference between cost benefit and cost effective analysis | 3+2+5 |
| 10. | a) Management sequence of a sudden disaster situation.
b) Triage
c) Define emergency preparedness. | 5+3+2 |