

SOCIAL AND PREVENTIVE MEDICINE
PAPER-IV

Time: 3 hours
Max. Marks:100

SPM/J/20/45/IV

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) Management techniques based on Behavioural Science. 5+5
b) Differentiate between Network Analysis and Critical Pathway Method (CPM) with suitable example.
2. a) Health implications of biological disaster. 4+4+2
b) Strategies for prevention and control of biological disaster.
c) Define Reverse Triage with suitable example.
3. a) What is the role of public-private partnership in health? 4+6
b) Role of Public Private partnership in National Tuberculosis Elimination Program.
4. a) Differentiate between Goal, Objective and Target with suitable examples. 5+5
b) Differentiate between Management and Administration with suitable examples.
5. a) 'The transplantation of Human Organ Act'. 5+5
b) 'The Epidemic disease act,1897' in context of SARS-CoV-2 pandemic.
6. Comment on the following: 5+5
a) "Medical Tourism in India: Opportunities and Challenges".
b) "There is a need of Indian Public Health Services cadre like Indian Administrative Services in the light of experiences due to Covid-19 epidemic in India".
7. a) Jan Aushadhi Yojana. 3+7
b) Pradhan Mantri Jan Arogya Yojana (PMJAY) component of Ayushman Bharat: Need, benefit package, target beneficiaries, current status, challenges, way forward.

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8. A freshly passed post graduate student of Community Medicine joined a medical college. He wants to apply different techniques of teaching in his class. (1+2+2)+5
- a) What is Flip Class? How it is different from traditional teacher student class? Discuss its advantages and limitations.
- b) As a fresher; he is preparing his power point presentation based on "The 5 Step Approach". Briefly describe 'The 5 Step Approach for Creating Presentations'.
9. a) Challenges and approaches of National Health Mission (NHM) in disadvantaged urban areas. 5+5
- b) Sustainable development goals: Where India stands?
10. a) Enumerate various techniques of Inventory Control in a Hospital. What is the difference between ABC and VED analysis? (2+3)+(2+3)
- b) You are acting as the medical superintendent of the hospital where you are employed and are required to manage the hospital affairs. Enumerate the Hospital Utilization Statistics. Define Bed Occupancy Rate (BOR) and Bed Turnover rate (BTO).
