

FINAL EXAM  
JUNE 2018

NATIONAL BOARD OF EXAMINATIONS

## SOCIAL &amp; PREVENTIVE MEDICINE

## PAPER-II

SPM/J/18/45/II

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.

Write short notes on:

- |    |   |       |
|----|---|-------|
| 1. | a) Acculturation<br>b) Role of Social Organizations in health.<br>c) Factors involved in social class differences in health and disease.  | 2+4+4 |
| 2. | a) Operational Research and its role in health services.<br>b) Global Hunger Index (GHI).<br>c) Prevention and control of substance abuse.  | 4+2+4 |
| 3. | a) Water related diseases.<br>b) Purification of water at a large scale.<br>c) Coliform organism as indicator of faecal contaminations.   | 2+5+3 |
| 4. | a) Indoor air pollution.<br>b) Prevention and control of air pollution.<br>c) Effects of noise exposure.  | 3+4+3 |
| 5. | a) Disaster preparedness in health sector.<br>b) Prevention of accidents in industries.<br>c) Benefits to the employees under 'The Employees State Insurance Act, 1948 (as amended)'. | 3+3+4 |
| 6. | a) Enumerate at least four approaches to Health Education.<br>b) Models of Health Education.<br>c) Barriers of Communication.   | 2+4+4 |
| 7. | a) Health aspects of Family Planning.<br>b) Depot formulations of contraceptives.<br>c) Evaluation of contraceptive methods.  | 3+4+3 |
| 8. | a) Dietary Goals (Prudent Diet).<br>b) Under nutrition in children.<br>c) Early detection and prevention of PEM.  | 3+3+4 |
| 9. | a) Integrated Vector Management.<br>b) Rodents and Diseases.<br>c) Anti-Rodent Measures.  | 4+2+4 |

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10. a) Biological effects of radiation. 4+4+2  
b) Globe thermometer and Kata Thermometer.  
c) Heat Stress Indices.

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