

**SOCIAL & PREVENTIVE MEDICINE**

PAPER – III

SPM/J/16/45/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.

Write short notes on:

1. a) Enumerate the risk factors of cervical cancer. 3+4+3  
b) Outline the strategies for prevention and control of cervical cancer in India.  
c) National Cancer Registry Programme.
2. WHO global action plan for prevention and control of NCDs (2013-2020). 10
3. a) What is hypertension? 1+2+2+5  
b) Rule of halves.  
c) Outline the risk factors for hypertension.  
d) Various approaches for prevention of hypertension.
4. a) Use of BMI to classify obesity 3+3+4  
b) Prevention of avoidable blindness  
c) Triage in disaster response
5. a) What is blindness? 1+3+6  
b) Outline the epidemiological determinants of blindness in India.  
c) Interventions for prevention of blindness in Indian context.
6. a) What is maternal mortality ratio? 2+3+5  
b) Causes of maternal mortality in India.  
c) Outline the strategies for reducing maternal mortality in Indian context.
7. a) Preplacement examination. 4+2+4  
b) Nutritional rehabilitation  
c) Role of dietary fibres
8. a) Mention nutritionally important forms of Vitamin D. 2+2+3+3  
b) Sources of vitamin D.  
c) Signs of vitamin D deficiency in children.  
d) Outline measures for prevention of vitamin D deficiency in children.

**P.T.O.**

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9. Differentiate between: 3+2+2+3
- a) Active and passive surveillance
  - b) Incidence and prevalence
  - c) Eradication and elimination
  - d) Monitoring and evaluation
10. a) Categorized strategic interventions for malaria control. 4+6  
b) Strategic action plan for malaria control in India (2012-2017).

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