

**SOCIAL & PREVENTIVE MEDICINE**

PAPER – II

SPM/J/16/45/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) Standard of living & level of living. (2+2)+2+(2+2)  
b) What is quality of life?  
c) Physical Quality of Life Index (PQLI) and Human Development Index (HDI).
2. a) Enumerate various health indicators. 3+(2+2+1+2)  
b) What is Health Adjusted Life Expectancy (HALE), Quality Adjusted Life Years (QALY), Disability Free Life Expectancy (DFLE) and Disability Adjusted Life Years (DALY).
3. a) Natural history of disease. 4+(3+3)  
b) What are various levels of prevention and how these levels of prevention can be applied to natural history indicating various modes of intervention?
4. a) Define family. 1+3+6  
b) Various types of families.  
c) Role of family in health and disease.
5. a) Hospital acquired infections: Sources and routes of transmission. 3+3+4  
b) What are the criteria for surveillance of such infections?  
c) What preventive measures can be applied to check such infections?
6. Aims, objectives and strategies of National Mental Health Programme. 10
7. a) What is sex ratio? 1+3+6  
b) Reasons for declining sex ratio.  
c) PCPNDT Act.
8. a) Differentiating features of Anopheles and Aedes Mosquito. 5+5  
b) Various insecticides used in mosquito control.

**P.T.O.**

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9. a) Enumerate the various spacing methods used for contraception. 4+6  
b) Types of contraceptive pills, their mode of action, efficacy, risks and benefits.
10. a) Child trafficking. 3+3+4  
b) Adolescent health issues.  
c) Drug addiction and its management.

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