

**SOCIAL & PREVENTIVE MEDICINE**

**PAPER –I**

**Time :3 hours**  
**Max. Marks :100**

**SPM/D/10/45/I**

**Attempt all questions in order.**  
**Each question carries 10 marks.**

**Write short notes on:**

- 1 Enumerate criteria of an ideal contraceptive. List absolute and relative contradictions for Intrauterine Devices (IUDS). 4+3+3
- 2 What are first Referral Units (FRUs)? Mention critical determinations of facility of FRU. Describe any one in brief. 2+3+5
- 3 Enumerate salient features of Janani Suraksha Yojna. Enumerate process indicators to evaluate this scheme. 5+5
- 4 What is infant morality rate (IMR)? Enumerate current IMR in India. Enumerate 5 main causes of IMR. List preventive and social measures to reduce IMR in India. 3+1+3+3
- 5 Enumerate the package of services and beneficiaries under ICDS scheme. List the indicators to evaluate the quality of services under ICDS scheme. 10
- 6 What is growth chart? Enumerate the uses of growth chart. List advantages & disadvantages of growth chart. 10
- 7 What is Integrated Management of Neonatal & Childhood Illness (IMNCI)? Describe briefly management of diarrhea with moderate dehydration in an Under five child. 2+8
- 8 What do you understand by mainstreaming and equity? Write in brief measures taken under RCH-II Programme for mainstreaming of gender. 4+6
- 9 What is essential obstetric care? Write in brief its components. 4+6
- 10 What do you mean by Baby Friendly Hospital Initiative (BFHI)? Enumerate steps which a Hospital must fulfill for "labeling as Baby Friendly Hospital" 3+7

**SOCIAL & PREVENTIVE MEDICINE**

**PAPER –II**

**Time :3 hours**  
**Max. Marks :100**

**SPM/D/10/45/II**

**Attempt all questions in order.**  
**Each question carries 10 marks**

- 1 Define Perinatal Mortality Rate. Enumerate its causes and suggest measures for its prevention. 2+3+5
- 2 Describe in brief the social and cultural factors affecting mother and child health in India. 5+5
- 3 Write in brief quality indicators used to monitor and evaluate RCH programme. 10
- 4 List Inventory control techniques. Briefly discuss ABC and VED Analysis. 10
- 5 What is National Health Account? Write in brief budgeting for health and zero base budgeting. 3+3+4
- 6 What is risk approach in antenatal care? Enumerate high risk pregnancies. 4+6
- 7 What is Juvenile Delinquency? Mention its causes and preventive measures. 3+4+3
- 8 Enumerate micro biological indicators of water quality? What measures will you suggest to ensure quality of water at household level? 3+7
- 9 What are the determinants of Under five mortality? Suggest preventive measures for a community of one lakh population. 5+5
- 10 Define "Adolescence". What are the health related problems of adolescents? Suggest measures to reduce their health problems. 2+4+4



**SOCIAL & PREVENTIVE MEDICINE**

**PAPER –III**

**Time :3 hours**  
**Max. Marks :100**

**SPM/D/10/45/III**

**Attempt all question in order.**  
**Each question carries 10 marks**

- |    |  |         |
|----|--|---------|
| 1  | What is extensive drug resistant TB (XDR-TB)? Describe current situation and measures for control of XDR TB in India.            | 3+3+4   |
| 2  | What are Indian Public Health Standards (IPHS)? Enumerate the IPHS's for primary health centre.                                  | 2+8     |
| 3  | What is Human Development Index? How it is measured? Comment on Human Development Index and India.                               | 4+4+2   |
| 4  | Enumerate the goals, strategy and components of National Rural Health Mission.   | 3+3+4   |
| 5  | What is Geographical Information System (GIS)? Describe briefly with suitable examples of its uses in various health programmes. | 2+8     |
| 6  | What is the current of status of Polio in India and measures taken under Pulse Polio programme?                                  | 4+6     |
| 7  | Enumerate health impact of climate change. Describe any one in detail.   | 6+4     |
| 8  | What is childhood obesity? Enumerate its causes, assessment and preventive measures.   | 2+2+3+3 |
| 9  | What is Health Management Information System? Explain in brief how it is useful in management of RCH programme.                  | 2+8     |
| 10 | Write in brief the epidemiology of depression and role of Public health Professionals in its management at district level.       | 4+6     |

**SOCIAL & PREVENTIVE MEDICINE**

**PAPER –IV**

**Time :3 hours**  
**Max. Marks :100**

**SPM/D/10/45/IV**

**Attempt all questions in order.**  
**Each question carries 10 marks**

- |    |  |         |
|----|--|---------|
| 1  | Enumerate measures of dispersion. Describe Standard Deviation with suitable diagram and examples.                                      | 2+5+3   |
| 2  | List ocular manifestations of vitamin A deficiency. Describe measures for its prevention.  | 5+5     |
| 3  | What is Gantt chart? Explain Gantt charting with suitable examples.  | 2+4+4   |
| 4  | What is Verbal Autopsy? Describe in brief its advantages and disadvantages.  | 2+4+4   |
| 5  | What is sickness Absenteeism? Describe its incidence, causes and prevention.   | 1+3+3+3 |
| 6  | Briefly explain the indicators of utilization pattern of Hospital Beds.  | 10      |
| 7  | What is planning cycle? Enumerate the steps of health planning cycle. Describe only first step in detail.                              | 2+4+4   |
| 8  | What is informed consent? Design a patient information sheet and consent form for a clinical trial of Japanese encephalitis vaccine.   | 3+7     |
| 9  | What is geriatric age? Enumerate the major health problems of older person in India. Briefly discuss National Policy for older person. | 1+4+5   |
| 10 | What are the health effects of violence against women? Write in brief the Protections of Women from Domestic Violence Act 2005.        | 4+6     |