

**SOCIAL & PREVENTIVE MEDICINE**

**PAPER – I**

**Time : 3 hours**

**SPM/D/12/45/I**

**Max. Marks : 100**

**Attempt all questions in order.**

**Each question carries 10 marks.**

1. What is FRU (First Referral Unit)? What are the critical determinants of facility being declared as FRU? Discuss role of any one determinant in reducing maternal & child mortality. 2+3+5
2. What is behavior change communication (BCC)? Describe its role in prevention and control of diabetes in adolescents. 4+6
3. Enumerate the components of Reproductive & Child Health Programme. Describe the strategies for prevention and control of reproductive tract infections. 4+6
4. What are MDGs (Millennium Development Goals)? Discuss the goals related to child health. 4+6
5. Enumerate salient features of JSY (Janani Suraksha Yojana). Discuss the indicators used to evaluate this scheme (Process, input, output & outcome). 3+7
6. Describe job functions of Health Care Worker Female/ANM, Anganwadi Worker (AWW) and Accredited Social Health Activist (ASHA) in context of coordinated functions under NRHM. 4+3+3
7. Enumerate salient features of 'National Policy for Empowerment of Women'. What institutional mechanisms have been suggested in the policy? Describe briefly the role of legislation in the policy for empowerment. 4+3+3
8. Define Infant Mortality Rate (IMR). Discuss various maternal causes and preventive measures to reduce IMR in Indian context. 2+(4+4)
9. Define sex ratio. What are the factors affecting sex ratio in Indian context? Describe in brief PC-PNDT Act and provisions under the Act. 1+3+6
10. What is IMNCI? Enumerate the principles of integrated case under IMNCI. Describe steps of case management process under IMNCI. 2+3+5

\*\*\*\*\*

**SOCIAL & PREVENTIVE MEDICINE**

**PAPER – II**

Time : 3 hours  
Max. Marks : 100

SPM/D/12/45/II

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

1. What is exclusive breast feeding (EBF)? Describe in brief five advantages of EBF. Enumerate components of Baby Friendly Hospital Initiative. 1+4+5
2. What is Perinatal Mortality Rate? Enumerate important causes of perinatal mortality in India and discuss strategies envisaged to reduce perinatal mortality. 2+(3+5)
3. Enumerate commonly encountered adverse events following immunization. Plan a strategy to investigate the same at PHC level. 6+4
4. Enumerate preventive interventions for under-five children under Reproductive and Child Health Programme in India. Describe in brief the role of zinc in diarrhea management under IMNCI. 4+6
5. Discuss the epidemiology of congenital malformation in Indian context and outline the steps for prevention of the same. 10
6. What is safe abortion? Describe importance of safe abortion and steps taken by Government of India to address the issue. 2+(3+5)
7. What is genetic counseling? Describe types of genetic counseling and role of screening in management of genetic disorders. 2+(3+5)
8. What are the uses of growth chart? Critically describe the monitoring of growth of under-five as an activity undertaken by Anganwadi workers. 3+7
9. What are the objectives and components of post natal care? Discuss the role of ASHA in providing Post natal care. (3+4)+3
10. What is social Marketing? Discuss the role of social marketing in Maternal & Child Health. 2+8

\*\*\*\*\*

**SOCIAL & PREVENTIVE MEDICINE**

**PAPER – III**

Time : 3 hours

Max. Marks : 100

SPM/D/12/45/III

Attempt all questions in order.

Each question carries 10 marks.

1. Enumerate salient features of National Policy on Older Persons. What are the constitutional and legislative provisions for the elderly in India? 5+(3+2)
2. What is geographical information system (GIS)? Describe the use of GIS in various health programmes. 2+8
3. What is the primary goal of NACP III (National AIDS Control Programme Phase III)? Discuss the strategies for prevention of HIV/AIDS in general population under National AIDS Control Programme. 2+8
4. What are Indian Public Health Standards (IPHS)? Discuss the scope, applicability and monitoring mechanism of IPHS. 2+(3+2.5+2.5)
5. Define drug resistant tuberculosis. Enumerate the strategies for its prevention and management. Outline the responsibilities of health care providers regarding drug resistant tuberculosis. 2+5+3
6. What is emergency contraceptive? Discuss its need, mechanism of action, merits and demerits. 2+(2+2+2+2)
7. What is social mapping? Outline the methods of social mapping and its use in qualitative studies. 2+(4+4)
8. Outline the objectives of National Programme for Control of Blindness. Discuss steps of micro-planning for prevention and control of blindness at distinct level. 3+7
9. What are the objectives of National Cancer Registry Programme? Enumerate evaluation criteria of National Cancer Control Programme. 3+7
10. Enumerate health problems of adolescents. Discuss in brief Adolescent Reproductive & Sexual Health (ARSH). 6+4

\*\*\*\*\*

**SOCIAL & PREVENTIVE MEDICINE**

**PAPER – IV**

Time : 3 hours

Max. Marks : 100

SPM/D/12/45/IV

Attempt all questions in order.

Each question carries 10 marks.

1. What is nested case controlled study? Discuss in brief the methodology and advantage of the study. 3+(5+2)
2. Describe Johari window, its importance, uses and application in management. 3+2+2+3
3. What is verbal autopsy? Describe the use, importance and instrument used in context of maternal deaths. 2+(2+2+4)
4. Discuss the sampling methodology covering:  
a) Sample size,  
b) Adjustment of sample size,  
c) Sample design,  
d) Sample selection, and  
e) Mapping and listing operation, in context of National Family Health Survey (NFHS) Round 3. 2+2+2+2+2
5. Define monitoring and evaluation. Describe the steps involved in evaluation of National Mid-Day Meal Programme. 2+8
6. What is social audit? Describe the role of PRIs (Panchayati Raj Institutions) in Social Audit? 4+6
7. Write briefly on leadership and motivation. As an in-charge of Community Health Center (CHC), how would you motivate your subordinates? (3+3)+4
8. What do you understand by counseling? Enumerate steps of counseling. Briefly describe the role of counseling in context of HIV/AIDS. 2+4+4
9. What is asbestosis? Enumerate mechanism of action, diagnosis and prevention of asbestosis. 2+(3+3+2)
10. What do you understand by materials management? How will you implement and do inventory control in Primary Health Centre as a Medical Officer in-charge? 3+2+5

\*\*\*\*\*