

MATERNAL & CHILD HEALTH

PAPER – I

Time : 3 hours

Max. Marks : 100

MCH/D/12/16/I

Attempt all questions in order.

Each question carries 10 marks.

1. Define under-five mortality rate. What are the causes of underfive mortality in India? Discuss the measures taken by the Government of India. 2+3+5
2. What is intensified pulse polio immunization? Describe its role in eradication of poliomyelitis. 4+6
3. What is high risk pregnancy? What are the measures to be taken for tackling this problem at a primary health care level? 3+7
4. Discuss the role of ASHA in provision of MCH services under NRHM. 10
5. What is adverse sex ratio? Enumerate causes of adverse sex ratio. Discuss its social and health implications. 1+3+6
6. What are the causes of infertility? How will you manage a case of 35 year old childless female married for the last 12 years coming to you at a tertiary level hospital? 3+7
7. Discuss life cycle approach in Reproductive and Child Health. 10
8. Discuss the health problems of street children. Describe the role of child observation home in tackling these problems. 5+5
9. What are the causes of infant mortality? Describe the initiatives taken by Government of India to reduce infant mortality. 4+6
10. What is emergency contraception? Describe its role family planning. 4+6

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PAPER – II

Time : 3 hours
Max. Marks : 100

MCH/D/12/16/II

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

1. What is Balance Diet? Discuss the nutritional requirements of a sedentary pregnant lady in second trimester. Plan the balanced diet for her. 2+4+4
2. Describe National Immunization Schedule. What other vaccine should be included in this schedule and why? 4+6
3. How will you manage a 3 months old male child with history of 3 days fever with convulsions under Integrated Management of Neonatal and Childhood Illnesses? 10
4. What is demographic cycle? Describe the stages of demographic cycle with suitable examples. 3+7
5. Enumerate the common cancers in women in India? Plan the measures to be undertaken for its prevention and early detection at district hospitals. 2+8
6. Discuss the role of International Organizations in MCH care. 10
7. Describe the child bearing and child rearing practices in India. Discuss its implications in child health. 5+5
8. Discuss rights of the child. Describe National Policy for Children. 4+6
9. What are the health problems of adolescents? Suggest measures for their prevention and control. 5+5
10. Discuss the role of PPTCT in pediatrics HIV/AIDS. 10

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PAPER – III

Time : 3 hours
Max. Marks : 100

MCH/D/12/16/III

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

1. What are the millennium development goals in relation to MCH Care? Discuss various initiatives taken by Government of India for its implementation. 2+8
2. Describe the health problems of school children. What are the components of school health services? 3+7
3. Write in brief the epidemiology of acute respiratory infection in children. Management of acute respiratory infection in a six month old child under IMNCI. 4+6
4. Describe the PCPNDT Act. Discuss its social and health implications. 4+6
5. Enumerate genetic disorders. Discuss the role of genetic counseling in its prevention and control. 3+7
6. What are the causes of maternal mortality? Describe measures to be taken for its prevention and control? 3+7
7. What is Integrated Child protection Scheme (ICPS)? What are its objectives? Describe the services provided under ICPS. 3+3+4
8. What is social marketing? Discuss social marketing in relation to various services under MCH Care. 10
9. Describe the steps for establishment of Baby Friendly Hospital. 10
10. What are the indications for artificial feeding? Describe the principles of artificial feeding. 3+7

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PAPER – IV

Time : 3 hours
Max. Marks : 100

MCH/D/12/16/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
