Write short notes on:

1. What are the causes of infertility? Discuss the investigations to be carried out to diagnose a case of infertility. 4+6
2. What is replacement level fertility? What are its health implications? 3+7
3. What are the causes of maternal mortality? Describe the initiatives taken by Government of India to reduce maternal mortality? 4+6
4. What is Juvenile Delinquency? Discuss the role of Child Observation Homes in rehabilitation of such cases. 3+7
5. Discuss gender issues. What are the measures undertaken by the Government of India for women empowerment. 5+5
6. Discuss behaviour change communication. How it can be applied in reduction of infant mortality in India? 4+6
7. What are the components of School Health Services? Discuss the role of School Health Services in prevention and control of rheumatic fever/rheumatic heart disease. 4+6
8. What are the childhood accidents? What measures can be undertaken to prevent childhood accidents? 5+5
9. What is demography cycle? Discuss the various stages of demography cycle. 3+7
10. Discuss the health problems of street children. How these health problems can be effectively prevented and managed? 4+6
Write short notes on:

1. What are the causes of diarrhea in Under-five children? How will you manage a case of diarrhea in one month old infant in IMNCI? 3+7

2. What is balanced diet? Discuss the nutritional requirements of a lactating mother. Draw the balanced diet for a lactating mother. 2+4+4

3. What is social security? Discuss social security measures undertaken by Government of India for welfare of mothers and children. 2+8

4. What are the basic principles of School Midday Meal? How will you implement School Midday Meal Programme in a district with 10 lakh population? 3+7

5. Discuss the various classifications of Protein Energy Malnutrition? How will you manage a 3 years old child with Grade III PEM? 4+6

6. Give the Immunization schedule of Government of India. How will you immunize a 9 months old previously un-immunized infant? 5+5

7. What are the common cancers in women? What measures can be undertaken for its prevention and early detection? 3+7

8. What are the common obstetrical emergencies? Discuss its early diagnosis and management at block level in India. 3+7

9. What is pediatric HIV/AIDS? Discuss the role of ICTC in its prevention and control. 2+8

10. What are the voluntary organizations and international agencies in the field of Health and Social Welfare? Discuss their role in MCH Care. 6+4
MATERNAL AND CHILD HEALTH
PAPER – III

Time : 3 hours
Max. Marks : 100

Attempt all questions in order.
Each question carries 10 marks

Write short notes on:

1. Discuss newer vaccines. Describe their role in prevention and control of diseases. 6+4
2. Describe the various provisions under MTP Act. Discuss the latest amendments in the Act done by Government of India. 5+5
3. What is the concept of Pulse Polio Immunization? How it is implemented by Government of India for eradication of poliomyelitis? 2+8
4. What is Special Neonatal Care Unit? How it is being established in district hospital under NRHM? 4+6
5. What is urbanization? Discuss its health effects on mother and children. 3+7
6. Describe the genetic disorders. How they can be prevented? 5+5
7. What is risk strategy in MCH Care? How it is implemented at district level in India? 4+6
8. Describe the Millennium Development goals in relation to MCH Care. How are they implemented by Government of India? 5+5
9. What is Common Review Mission under NRHM? Discuss the salient findings of CRM, 2009. 3+7
10. What is communication? Describe the role of communication and mass media in MCH services. 2+8

POSSESSION / USE OF CELL PHONES OR ANY SUCH ELECTRONIC GADGETS IS NOT PERMITTED INSIDE THE EXAMINATION HALL
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