

MATERNAL AND CHILD HEALTH

PAPER- I

Time : 3 hours
Max. Marks : 100

MCH/D/11/16/I

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

1. What is Domiciliary Midwifery Service? Explain what is "Danger Signals" in relation to pregnancy? 5+5
2. What is "Neonatal Screening"? How will you identify "At risk" infants? 5+5
3. Explain various risk factors for "low birth weight". What interventional measures you can take to reduce low birth weight babies? 5+5
4. What are National guidelines on infant and young child feeding? 10
5. What are the causes of perinatal mortality and how can you prevent perinatal mortality? 6+4
6. Explain various "Principles of Health Education". How will you plan a "Health talk on prevention of diarrhoea" in a community? 5+5
7. Unmet need for family planning. 10
8. Baby Friendly Hospital Initiative. 10
9. Handicap prevention and child placement measures. 5+5
10. Population explosion and population stabilization. 5+5

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PAPER- II

Time : 3 hours
Max. Marks : 100

MCH/D/11/16/II

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

Write short notes on:

1. What are the various causes of anemia among children? What various initiatives Government of India has taken to reduce anemia among mother and children? 5+5
2. Describe the "Ecology of Malnutrition". How can you prevent malnutrition among under five children? 5+5
3. Recent trends in maternal and child health care. 10
4. Case management process under Integrated Management of Childhood and Neonatal Illness. 10
5. How can you diagnose congenital anomalies prenatally? How will you manage such cases? 5+5
6. What is the importance of maintenance of normal temperature in new born babies? What are the factors causing hypothermia in new born? How can you prevent hypothermia in new born at household level? 4+3+3
7. What is "National Immunization Schedule"? How will you immunize one year old previously immunized child? 5+5
8. Infant Milk Substitutes, Feeding Bottles and Infant Foods (Regulation of Production, Supply and Distribution) Act. 10
9. Gender issues and women empowerment. 10
10. What is "Emergency Contraception"? What are the various merits and demerits of "Emergency contraceptive pills" 4+6

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PAPER- III

Time : 3 hours
Max. Marks : 100

MCH/D/11/16/III

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

Write short notes on:

1. Counterfeit medicines – factors encouraging counterfeiting of drugs and actions to combat counterfeiting. 5+5
2. Types and components of AFP surveillance and surveillance sensitivity. 3+4+3
3. Adolescent health problems and adolescent health clinics. 5+5
4. Goals, objectives and key strategies for measles mortality reduction. 3+2+5
5. Gestational diabetes mellitus: causes and its management. 4+6
6. Brainstorming and Snowballing. 5+5
7. Genetic Counseling 10
8. Neonatal screening and management of infected new born. 5+5
9. What is "Social marketing"? In the field of Health & Family Welfare, what social marketing measures are being undertaken, describe with suitable examples. 4+6
10. What is "Public Private Partnership" (PPP)? In the field of Maternal and Child Health, what initiatives Government of India has taken in Public Private Partnership"? 4+6

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PAPER- IV

Time : 3 hours
Max. Marks : 100

MCH/D/11/16/IV

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

1. Define evaluation. Name the various steps involved and describe anyone in detail. 3+3+4
2. Define network analysis. Write in brief about PERT (Programme Evaluation and Review Technique) and uses of PERT with suitable diagram. 2+3+2+3
3. Enumerate any five inventory control techniques. Describe EOQ (Economic Order Quantity) in detail. 5+5
4. What is family? Enumerate the phases of a nuclear family life cycle. Discuss the role of family in child rearing. 2+3+5
5. Describe the role of values, attitudes and feelings in health promotion. 3+3+4
6. What is supervision? Enumerate various methods of supervision and describe anyone of them. 2+4+4
7. What is meant by "normal"? Illustrate by standard normal curve. 4+6
8. Explain with suitable examples: sensitivity, specificity, positive predictive value and negative predictive value. 2.5X4=10
9. What is lead poisoning? Enumerate its clinical features, diagnostic tests and preventive measures. 2.5X4=10
10. Discuss in brief different phases in the course of dengue illness. Outline the algorithms for fluid management in compensated and hypotensive shock. 2+4+4
