

**FAMILY MEDICINE****PAPER-IV**Time: 3 Hours  
Max. Marks: 100

FLM/D/19/08/IV

**Important Instructions:**

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts, wherever appropriate.

**Write short notes on:**

1. Describe the objectives of the RNTCP and the strategy for the elimination of TB in India. 10
2. Define maternal mortality. Discuss the various causes of maternal mortality. Enumerate the various measures under the National Health Mission to reduce maternal mortality. 2+3+5
3. What are the common causes of under-5 mortality in India? How will you diagnose and manage a 10-month old child presenting with acute respiratory infection under the IMNCI? 3+7
4. Describe the vertical transmission of HIV infection. What are the strategies to prevent the vertical transmission of HIV under the national AIDS control program? 3+7
5. Enumerate the criteria for diagnosing severe acute malnutrition (SAM) in a child. How is screening for SAM done in the community? What are the criteria for admitting a child with SAM to the hospital? 4+3+3
6. Enumerate the commonest types of cancers in men and women in India. Describe the methods for cancer screening in a community. As a family physician, how will you carry out screening for cancer cervix for women presenting to your clinic? 2+4+4
7. Enumerate the strategies to control life style disorders at the legal, individual and community levels. 3+4+3

P.T.O.

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8. As a family physician in charge of your CHC, it is brought to your notice that several people in a nearby village have developed severe dehydrating diarrhoea, including a 5-year-old child who has died. Enumerate the steps that you will take in investigating this epidemic. What preventive measures will you take in controlling the spread of this infection? 6+4
9. What is the home based newborn care (HBNC)? Explain the rationale behind HBNC. How is HBNC provided in the community? 2+2+6
10. a) Case control studies 2.5x4  
b) Chi square test  
c) Sampling  
d) Confidence interval

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