

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

FLM/J/20/08/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. a) Define infant mortality rate (IMR). 2+1+3+4
b) What is the current IMR in India?
c) What are the causes of high IMR in India?
d) As a Family Physician, how will you plan in helping district health authorities to reduce IMR in your district?
2. Define Pandemic. Enlist the diseases which occurred in pandemic form. 2+2+6
Write on preventive measures for COVID-19 Pandemic being undertaken in our country.
3. Many people of various age groups are reporting with fever, jaundice and other abdominal symptoms from a village under the PHC where you are working as in-charge Medical Officer. How will you investigate this outbreak? Describe the steps you would undertake to prevent and control this outbreak in your PHC area. 5+5
4. How will you carry out screening of breast cancer in females, in community as well as at clinic level? Name the programme for cancer prevention in India. Write on the role of Cancer Registry in prevention of cancers. (2+2)+1+5
5. Enlist various indicators of fertility. Define Net Reproduction Rate. Outline the plan for evaluation of Family Planning Services. 3+2+5
6. What are the key features of the National Mental Health Program? What is the role of the family physician to integrate mental health with primary health care and provide access to mental health services in the community? 5+5

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7. a) Telemedicine and its use in family practice. 5+5
b) Recent Bio-medical waste management guidelines.
8. a) The role of the family physician in prevention of drug resistance in the community. 5+5
b) Adult vaccinations.
9. A 45-year male had been diagnosed to have TB and started on anti-tubercular treatment (ATT). He returns in two weeks to say that his fever is persisting. What are the common causes of discontinuation of ATT? What measures can you take to ensure compliance? What are the common side effects and adverse effects of the first line ATT? 3+3+4
10. Define the following and give their formulae: 5+5
a) The mean deviation.
b) The standard deviation.
