

FIELD EPIDEMIOLOGY

PAPER-IV

Time: 3 hours
Max. Marks:100

FED/D/19/50/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. Write a research protocol for epidemiological study to assess the effect of health education in a community. 10
2. What is Baker's hypothesis? How is it important in Indian context? 5+5
3. What is Participatory Learning and Action (PLA)? Explain briefly some PLA Techniques. 4+6
4. What are the harmful effects of excessive use of mobile phones and laptops/ computers by children? Suggest some measures to prevent such effects in children. 6+4
5. Describe the epidemiology of Ebola virus infection. Suggest measures of prevention for India. 5+5
6. Describe the qualitative methods in Medical Research. 10
7. Describe the current status, strategy and new initiatives of National Leprosy Elimination Program in India. 10
8. Describe principles of Health Economics with examples. 10
9. Write the functions of National Disaster Management authority (NDMA). Enumerate various types of disasters where NDMA plays a significant role. Write in brief health management in recent Maharashtra flood. 3+3+4
10. Explain Operational research using district health service system as an example. 10
