

FIELD EPIDEMIOLOGY

PAPER – IV

FED/D/13/50/IV

Time : 3 hours
Max. Marks : 100

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.

1. Define positive health. Discuss in brief various dimensions of health. What is holistic approach in health care? 2+4+4
2. Discuss the contributions of Louis Pasteur, Robert Koch and Edward Jenner in the evolution of modern public health practices. 3+3+4
3. Write in brief on National Immunization Schedule. Add a short note on pentavalent vaccine and cancer vaccine. 4+(3+3)
4. Define health promotion. Discuss in brief the role of health promotion in at least four National Health Programmes. 2+(2+2+2+2)
5. Discuss the social determinants of health and its relevance to improve community health. 5+5
6. What is the difference between health education and behavior change communication (BCC)? Design a BCC strategy for prevention of non-communicable disease. 2+8
7. Explain brain storming, panel discussion and focus group discussion. How group discussion can be used as a method of health education? (2+2+2)+4
8. Discuss decentralized health planning in the country. Critically analyze the process of district action plan. 5+5
9. What is the role of globalization on health? How International Health Regulation is important for prevention and control of disease transmission? 5+5
10. Write a research protocol for epidemiological study to assess the effect of health education in a community. 10