

**FIELD EPIDEMIOLOGY**

**PAPER-I**

Time: 3 hours  
Max. Marks:100

FED/D/19/50/I

**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. What is behavior change communication? Describe communication models. 3+7
2. Problems in assessing the sensitivity and specificity of screening tests and cost benefit analysis of screening. 6+4
3. Describe the Steps involved in conducting systematic review. 10
4. What is confounding factor? How will you control them in epidemiological study, explain with examples? 2+8
5. Describe the changing concept in Public Health. 10
6. Explain Health problems due to Industrialization. 10
7. Define population-attributable risk. How is it different from relative risk? What type of study design is required to measure it? 3+4+3
8. Describe the steps involved in conduct of meta-analysis. 10
9. Discuss various methods to estimate burden of disease in a community. 10
10. Describe benefits and disadvantages of cohort studies and how to handle the challenges in conduct of cohort study. 3+3+4

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