

[KZ 1011]

OCTOBER 2011

Sub. Code: 3075

M.Sc. (MEDICAL SOCIOLOGY) DEGREE EXAMINATION

FIRST YEAR

(For Candidates admitted from 2010-2011 session onwards)

PAPER V – RESEARCH METHODOLOGY & EPIDEMIOLOGICAL ANALYSIS

Q.P. Code: 283075

**Time : Three Hours
(180 Min.)**

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

**Pages Time Marks
(Max.) (Max.) (Max.)**

- | | | | |
|-----------------------------------|----|---------|----|
| 1. Bio-statistical Analysis. | 17 | 40 min. | 20 |
| 2. Components of Research Design. | 17 | 40 min. | 20 |

II. Write notes on :

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|--|---|---------|---|
| 1. Problems encountered by Researchers in India. | 4 | 10 min. | 6 |
| 2. Observation method in collection of Data. | 4 | 10 min. | 6 |
| 3. Components of Health information Data in Epidemiology. | 4 | 10 min. | 6 |
| 4. Electronic search and literature survey as sources of Data. | 4 | 10 min. | 6 |
| 5. Diagramatics and Graphical Representation. | 4 | 10 min. | 6 |
| 6. Research in population. | 4 | 10 min. | 6 |
| 7. Characteristics of good report writing. | 4 | 10 min. | 6 |
| 8. Sampling Techniques. | 4 | 10 min. | 6 |
| 9. Diagnostic and descriptive study of research Design. | 4 | 10 min. | 6 |
| 10. The need for research design. | 4 | 10 min. | 6 |

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(Max.) (Max.) (Max.)**

- | | | | |
|--|----|---------|----|
| 1. Case Study, Cross Sectional Study, Cohort Study and Clinical Trials. | 17 | 40 min. | 20 |
| 2. What is Health Information System. Briefly comment on the sources of Health Information and Sample Registration System. | 17 | 40 min. | 20 |

II. Write notes on :

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|---|---|---------|---|
| 1. Interview Schedule. | 4 | 10 min. | 6 |
| 2. Cluster Sampling. | 4 | 10 min. | 6 |
| 3. Blinding. | 4 | 10 min. | 6 |
| 4. Frequency Distribution. | 4 | 10 min. | 6 |
| 5. Literature Review. | 4 | 10 min. | 6 |
| 6. Fertility and Mortality. | 4 | 10 min. | 6 |
| 7. Participant Observation. | 4 | 10 min. | 6 |
| 8. Hypothesis Testing. | 4 | 10 min. | 6 |
| 9. Pre-Test : Advantages. | 4 | 10 min. | 6 |
| 10. International Classification of Diseases. | 4 | 10 min. | 6 |

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(180 Min.)****Maximum : 100 marks****Answer ALL questions in the same order.****I. Elaborate on :****Pages Time Marks
(Max.) (Max.) (Max.)**

- | | | | |
|---|----|---------|----|
| 1. What is Health Information System? Discuss on the different sources of Health information. | 17 | 40 min. | 20 |
| 2. Describe different types of epidemiological research design. | 17 | 40 min. | 20 |

II. Write Notes on :

- | | | | |
|-------------------------------------|---|---------|---|
| 1. Pilot Study. | 4 | 10 min. | 6 |
| 2. Likert Scale. | 4 | 10 min. | 6 |
| 3. Characteristic of a good Report. | 4 | 10 min. | 6 |
| 4. Probability. | 4 | 10 min. | 6 |
| 5. Literature Survey. | 4 | 10 min. | 6 |
| 6. Graphical Representation. | 4 | 10 min. | 6 |
| 7. Formation of Hypothesis. | 4 | 10 min. | 6 |
| 8. Features of Good Design. | 4 | 10 min. | 6 |
| 9. Probability Sampling. | 4 | 10 min. | 6 |
| 10. Participatory Rapid Appraisal. | 4 | 10 min. | 6 |

[LC 0413]

APRIL 2013

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FIRST YEAR

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PAPER V – RESEARCH METHODOLOGY & EPIDEMIOLOGICAL ANALYSIS

Q.P. Code: 283075

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 20 = 40)

1. Describe Methods of Sampling.
2. Discuss the components and application of Health Information Data in epidemiology.

II. Write notes on:

(10 x 6 = 60)

1. Prospective Study.
2. Frequency Distribution.
3. Review of Literature.
4. Bias in Research.
5. Scaling Techniques.
6. Diagrammatic Representation.
7. International Classification of Diseases.
8. Features of Good Design.
9. Construction of Questionnaire.
10. Cohort Study.
