

[KZ 1011]

Sub. Code: 3075

**M.Sc (MEDICAL SOCIOLOGY) DEGREE EXAMINATION  
FIRST YEAR**

(For candidates admitted from 2010-2011 session onwards)

**PAPER V – RESEARCH METHODOLOGY AND EPIDEMIOLOGICAL  
ANALYSIS**

*Q.P. Code : 283075*

**Time : 3 hours  
(180 Min)**

**Maximum : 100 marks**

**Answer ALL questions in the same order.**

**I. Elaborate on :**

	<b>Pages (Max.)</b>	<b>Time (Max.)</b>	<b>Marks (Max.)</b>
1. Bio-statistical Analysis.	17	40	20
2. Components of Research Design.	17	40	20

**II. Write notes on :**

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

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[LA 0412]

Sub. Code: 3075

**M.Sc (MEDICAL SOCIOLOGY) DEGREE EXAMINATION-April 2012  
FIRST YEAR**

(For candidates admitted from 2010-2011 session onwards)

**PAPER V – RESEARCH METHODOLOGY AND EPIDEMIOLOGICAL  
ANALYSIS**

*Q.P. Code : 283075*

**Time : 3 hours  
(180 Min)**

**Maximum : 100 marks**

**Answer ALL questions in the same order.**

<b>I. Elaborate on :</b>	<b>Pages (Max.)</b>	<b>Time (Max.)</b>	<b>Marks (Max.)</b>
1. Case Study, Cross Sectional Study, Cohort Study and Clinical Trials	17	40	20
2. What is Health Information System. Briefly comment on the sources of Health Information and Sample Registration System	17	40	20
<b>II. Write notes on :</b>			
1. Interview Schedule.	4	10	6
2. Cluster Sampling.	4	10	6
3. Blinding.	4	10	6
4. Frequency Distribution.	4	10	6
5. Literature Review.	4	10	6
6. Fertility and Mortality.	4	10	6
7. Participant Observation.	4	10	6
8. Hypothesis Testing.	4	10	6
9. Pre-Test : Advantages.	4	10	6
10. International Classification of Diseases.	4	10	6

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[LB 1012]

OCTOBER 2012

Sub. Code: 3075

M.Sc (MEDICAL SOCIOLOGY) DEGREE EXAMINATION

FIRST YEAR

(For candidates admitted from 2010-2011 session onwards)

PAPER V – RESEARCH METHODOLOGY AND

EPIDEMIOLOGICAL ANALYSIS

*Q.P. Code : 283075*

**Time : 3 hours  
(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 | 20 |
| 2. Describe different types of epidemiological research design.                               | 17 | 40 | 20 |

**II. Write Notes on :**

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

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[LC 0413]

APRIL 2013

Sub. Code: 3075

**M.Sc (MEDICAL SOCIOLOGY) DEGREE EXAMINATION  
FIRST YEAR**

**(For candidates admitted from 2010-2011 session onwards)**

**PAPER V – RESEARCH METHODOLOGY  
AND EPIDEMIOLOGICAL ANALYSIS**

*Q.P. Code : 283075*

**Time : 3 hours  
(180 Min)**

**Maximum : 100 marks**

**I. Elaborate on:**

**(2x20=40)**

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

**II. Write notes on :**

**(10X6=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.

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