

Seat Number

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DADU-81

MRM-301-T : Research Methodology and Biostatistics

Total Pages : 2

Time : 3 Hours

Max. Marks : 75

Note : (1) Do not write anything on question paper except Seat Number.

(2) Solve any *five* questions.

(3) Figures to the right indicate full marks.

(4) Student should note that no supplement will be provided.

(5) Graph or diagram should be drawn with black ink pen being used for writing paper.

1. Write importance of review of literature and strategies to eliminate errors/
bias in research. 15

2. Explain basic principle for all medical research. Add a note on additional
principles for medical research combined with medical care. 15

3. Write short notes on : 15

(1) Interpretation of P values.

(2) Null hypothesis.

4. Explain randomization, crossover design and blinding technique in research.

15

P.T.O.

5. Describe non-parametric tests in Biostatistics. 15
6. Write CPCSEA guidelines for animal husbandry and record keeping. 15
7. Explain vendor relationships and treatment of family members in medical research. 15
8. Describe CPCSEA guidelines for personal hygiene and SOPs. 15