

QP:111700

Reg.No:.....

Ph.D Year End Examinations

Model Question Paper

Research Methodology, Ethics in Bio Medical Research and Statistics

Time:3 Hours

Maximum Marks: 100

Essays: (20)

1. Classify epidemiological studies. How will you design a case-control study to check whether exposure to oral contraceptives causes thromboembolic disease. What are the different types of bias you may come across in performing case control study.

Short Notes: (8x10=80)

2. Why should one perform literature review. Discuss the steps in carrying out literature review.
3. What is Research misconduct. Write the types of research misconduct. How you can avoid it.
4. Briefly discuss the probability sampling techniques.
5. Analysis of Variance.
6. What is Plagiarism. Mention the different types of Plagiarism and how to avoid it.
7. Discuss the hierarchy of evidence in research publications.
8. Distribution of data.
9. What is informed consent. Discuss its structure, stakeholders involved and issues related to informed consent.
