

FACULTY OF PHARMACY

**M. Pharmacy (Common to All) III-Semester (PCI) (Main & Backlog) Examination,
January 2020**

Subject: Research Methodology and Biostatistics

Time: 3 hrs

Max. Marks: 75

Note: Answer any Five Questions. All Questions carry Equal Marks

1. a) Write a note on significance of review of literature in drug discovery. 7M
b) Describe in detail abt blinding techniques. 8M
2. a) Write a note on chi-square test. 7M
b) Write about the test and its applications. 8M
3. a) Describe in brief abt importance of communication in medical research. 5M
b) Write a note on ethics in medical research. 10M
4. Write abt CPCSEA guidelines for animal experiment. 15M
5. a) Write a note on history of declaration of Helsinki. 8M
b) Write the basic principles of medical research. 7M
6. a) Explain in brief abt objectives of research. 5M
b) Write a note on randomization and crossover design. 10M
7. a) Write the importance of sample size. 5M
b) Write a note on students 't' test and correlation co-efficient. 10M
8. a) Explain about the double effect and medical research ethics committee. 8M
b) Write a note on transport of laboratory animals. 7M
