

**PG Degree Regular/Supplementary Examinations in Pharmacology
(MD) June 2020**

Paper III - Experimental Pharmacology, Bioassay and Statistics

Time: 3 hrs

Max marks:100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay:

(20)

1. Describe in detail the various experimental methods for screening anti fertility agents.

Short essays:

(8x10=80)

2. Ethics in clinical research
3. Merits and demerits of bioassay
4. Area under curve
5. Inbreeding of animals
6. Frog and toad as experimental animals
7. Applications of genetic engineering
8. Students t-test
9. PD2 value
