

QP Code: 830006

Reg. No.....

**Eighth Semester B. Pharm Degree Regular/Supplementary
Examinations March 2026
Experimental Pharmacology
(2017 Scheme)**

Time: 3 Hours

Max. Marks: 75

- *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 diagrams wherever necessary*

Essays

(2x10=20)

1. Elaborate about the various laboratory animals used for experiments and their maintenance
2. Explain in detail about the various animal models of Alzheimer's disease

Short Notes

(7x5=35)

3. Explain any two animal models used for screening anti-inflammatory agents.
4. Add a note on various routes of drug administration in animals
5. Explain about the Lipschitz test for diuretics
6. Explain the different types of study design
7. Explain any two methods to screen local anaesthetics
8. Any two *in-vitro* models used for anti-cancer agents screening
9. Explain any two animal models used for screening anti-hypertensive activity

Answer Briefly

(10x2=20)

10. Name the blood collection techniques
11. Examples of anti-Parkinsonism drugs
12. Enlist the screening methods used for anti-pyretic activity
13. What is ulcer index
14. Applications of Student's t-test
15. Define research hypothesis
16. Difference between miosis and mydriasis
17. Tail flick test
18. Name the animal models used for skeletal muscle relaxant screening
19. Name the methods used in euthanasia
