Roll No. ⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚   **Total No. of Pages : 02**

Total No. of Questions : 13

B.Pharmacy   (Sem.-8)
EXPERIMENTAL PHARMACOLOGY
Subject Code : BP-810-ET
M.Code : 79773
Date of Examination : 13-01-23

Time : 3 Hrs.   **Max. Marks : 75**

INSTRUCTIONS TO CANDIDATES :
1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B contains THREE questions carrying TEN marks each and student has to attempt any TWO questions.**
3. **SECTION-C contains NINE questions carrying FIVE marks each and student has to attempt any SEVEN questions.**

SECTION-A

1.   **Write briefly :**

  a) What is OECD?

  b) What is IAEC?

  c) Mention two common sites of blood collection in rodents.

  d) What are positive control and sham control group?

  e) Name two animal models used to screen nootropics.

  f) What is Forced swim test?

  g) Name two animal models of ulcer.

  h) Name two rodent models of epilepsy.

  i) What are spontaneous hypertensive rats (SHR)? Give examples.

  j) What is research hypothesis?

SECTION-B

2. Describe animal models for testing central analgesic activity.

3. Classify animal models for antiulcer activity and describe any two of them.

4. Write a note on screening of anti-Alzheimer agents.

SECTION-C

5. Give an account on commonly used laboratory animals.

6. Add a note on CPCSEA and its role in research on animals.

7. Write a brief note on evaluation of skeletal muscle relaxants.

8. Describe rat paw edema model of acute inflammation.

9. Add a note on pacing induced arrhythmia.

10. Describe an animal model of diabetes mellitus.

11. Describe an animal model to screen anti-psychotic activity.

12. Name various animal models of Parkinsonism and describe MPTP induced Parkinsonism.

13. Write a note on ANOVA and its significance in research.

NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.