

PARUL UNIVERSITY
FACULTY OF PHARMACY

B. Pharm. Summer 2022 - 23 Examination

Semester: 8**Subject Code: BP810ET****Subject Name: Experimental Pharmacology****Date: 21/04/2023****Time: 10:00am to 1:00pm****Total Marks: 75****Instructions:**

1. Figures to the right indicate maximum marks.
2. Make suitable assumptions wherever necessary.

Q.1 Multiple Choice Questions (MCQs) (1 Mark Each)**(20)**

1. Which of the following committee regulate experiments on animals?
a) CCPSEA
b) WHO
c) CPCSEA
d) DHR
2. Which of the following is most commonly used animal for toxicological studies?
a) Rabbit
b) Guinea Pig
c) Mouse
d) Dog
3. The painless mercy killing of laboratory animal is called as
a) Euthanasia
b) Anesthesia
c) Catatonia
d) Catalepsy
4. A _____ is used to mimic a procedure or treatment without the actual use of the procedure or test substance.
a) Positive Control
b) Sham Control
c) Normal Control
d) Negative Control
5. The in vitro model used for screening of sympathomimetic is
a) Rabbit eye model
b) Isolated frog heart preparation
c) Spinal Cat model
d) Bioassay of adrenaline by monitoring BP
6. Isolated frog heart preparation cannot be used for screening of
a) Sympathomimetic
b) Sympatholytic
c) Parasympathomimetic
d) Neuromuscular blockers
7. Which apparatus is used for evaluation of skeletal muscle relaxants
a) Rota rod
b) Plus maze
c) Eddy's hot plate
d) Plethysmometer
8. The nictitating membrane prolapse in cat is used for screening of
a) Sympathomimetic
b) Sympatholytic
c) Parasympathomimetic
d) Parasympatholytic
9. The thermal method used for screening of analgesic drug is
a) Hot Plate Method
b) Writhing method
c) Heffner's Clip method
d) Formalin Test
10. The Cook's pole climbing apparatus is used for screening of
a) Antipsychotic drugs
b) Antihyperlipidemic drugs
c) Antihypertensive drugs
d) Local anesthetics drugs
11. The failure to correct an externally imposed unusual posture over a prolonged period of time is called
a) Catalepsy
b) Hallucination
c) Delusion
d) Extrapyrmidal side effect
12. Which chemical is used for screening drugs used in Alzheimer's disease?
a) Acetic acid
b) MPTP
c) Phenylpropanolamine
d) Scopolamine
13. The Lipschitz test is used for screening of
a) Diuretics
b) Antihypertensive
c) Antiparkinsonian drugs
d) None of the above
14. Antiulcer activity is evaluated by
a) Pylorus ligation method
b) Charcoal meal test
c) Porsolt test
d) All of the above

