

## PHARMACOLOGY AND TOXICOLOGY PRACTICAL

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MULTIPLE CHOICE QUESTIONS**

**SUBJECT: PHARMACOLOGY & TOXICOLOGY**

**SUBJECT CODE: 4200P3**

- Which drug inhibits electrically induced convulsion?  
A) Diazepam    B) Na-Valproate    C) Phenytoin    D) Ethosuximide
- Rearing, Licking and Sniffing are symptoms of \_\_\_\_\_.  
A) Anxiety    B) Stereotype    C) Pain    D) Epilepsy
- In MES, electrodes apply on \_\_\_\_\_ produce epilepsy in rat or mice.  
A) Abdomen    B) Paw    C) Eye or Ear    D) Tail
- Fall-off time is used in \_\_\_\_\_ apparatus.  
A) Rota rode    B) Actophotometer    C) Cooks-pole climbing    D) Plus-maze
- For isolated frog heart experiment \_\_\_\_\_ lever is used.  
A) Simple writing    B) Starling's heart    C) Frontal Writing    D) Gimble
- Skeletal muscle relaxants can be evaluated by \_\_\_\_\_.  
A) Rota rode    B) Actophotometer    C) Cooks-pole climbing    D) Plethysmograph
- MES convulsions represent \_\_\_\_\_ epilepsy.  
A) Psychomotor    B) Petit-mal    C) Grand-mal    D) B & C both
- Cut-off time is observed for evaluation of agents:  
A) Analgesic    B) Anti-inflammatory    C) Antipsychotics    D) Sedative
- Stereotype or compulsive behavior resemble:  
A) Parkinsonism    B) Anxiety    C) Schizophrenia    D) Depression
- Speed of rotarod is selected around \_\_\_\_\_.  
A) 5 rpm    B) 10 rpm    C) 20 rpm    D) 30 rpm
- Convulsion by giving maximum electroconvulsive shock in mice \_\_\_\_\_ and in rat \_\_\_\_\_ for 0.2 sec through the electrode place on ear pinna.  
A) 80 mA & 150 mA    B) 150 mA & 80 mA    C) 150 A & 80 A    D) 80 V & 150 V
- In therapeutic dose sedative are anxiolytic but in larger doses it produce \_\_\_\_\_ or \_\_\_\_\_ effects.  
A) Hypnosis or Anesthesia    B) Pain or Inflammation  
C) Convulsion or CNS stimulant    D) Schizophrenia or Depressant
- Compulsive behavior is defined as \_\_\_\_\_ activity exhibited by the animal.  
A) Purposeless    B) Hypersensitive    C) Depressant    D) Convulsion

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14. Loss of \_\_\_\_\_ is considered as a parameter of induction of anesthesia and reappearance of \_\_\_\_\_ is considered as a parameter for recovery.  
A) Inflammation      B) Pain      C) Righting reflex      D) Convulsion
15. Locomotor activity is measured by \_\_\_\_\_ instrument.  
A) Rota rode      B) Actophotometer      C) Cooks-pole climbing      D) Plethysmograph
16. Biological name of the frog is \_\_\_\_\_  
A) Rana Tigrina      B) Rattus Norvegicus      C) Cayia Procellus      D) Oryctolagus cuniculus
17. \_\_\_\_\_ animal not consist vomiting centre, tonsil and gallbladder  
A) Rat      B) Mice      C) Guinea pig      D) Rabbit
18. Retro orbital methods for blood collection means collection of blood from \_\_\_\_\_  
A. Ear      B) Tail      C) Eye      D) Heart
19. \_\_\_\_\_ angle of injection is preferred during the intramuscular injection.  
A. 15-20      B) 90      C) 45      D) 25
20. \_\_\_\_\_ vein is useful to collect the blood from birds.  
A. Alar      B) Jugular      C) Cephalic      D) Marginal
21. Molecular weight of Acetyl Choline is \_\_\_\_\_  
A. 181.78      B. 550      C. 120      D. 100
22. Atropine produce \_\_\_\_\_ on rabbit pupils.  
A. Increase pupil size      B. Decrease pupil size      C. No Effects      D. All Effects
23. Pyrogen test is useful to evaluate \_\_\_\_\_ product.  
A. Tablet      B. Parenteral      C. Capsule      D. Syrup
24. \_\_\_\_\_ animal is useful for pyrogen testing  
A. Rat      B. Rabbit      C. Guinea pig      D. Mice
25. To evaluate anti-inflammatory activities in rat, carrageenan is injected in \_\_\_\_\_  
A. Paw      B. Eye      C. Tail      D. Mouth