

**MULTIPLE CHOICE QUESTIONS**  
**SUBJECT: PHARMACOLOGY**

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1. \_\_\_\_\_ has no tonsil and gallbladder in its body.  
A) Rat    B) Cat    C) Dog    D) Monkey
2. \_\_\_\_\_ animal is highly sensitive to histamine and penicillin.  
A) Rat    B) Guinea pig    C) Rabbit    D) Hamster
3. There is change in the length of isolated tissues when it contracts known as \_\_\_\_\_.  
A) Isotonic contraction    B) Isometric contraction    C) Auxotonic contraction    D) All
4. \_\_\_\_\_ injection is given into or between layers of skin  
A) Intramuscular    B) Intradermal    C) Subcutaneous    D) Intravenous
5. \_\_\_\_\_ is the meaning of NPO . Usually prescribed prior to general anesthesia.  
A) Nothing by mouth    B) Eat by mouth    C) Drink by mouth    d) Take by mouth
6. Intramuscular injection is given at \_\_\_\_\_ angle.  
A) 90    B) 45    C) 60    D) 30
7. Alar vein is site for injection for \_\_\_\_\_.  
A) Cat    B) Dog    C) Bird    D) Rat
8. The term in vivo means \_\_\_\_\_.  
A) Experiment that is carried out within a whole, living organism  
B) Experiment that is carried out outside, living organism  
C) Experiment that is carried out in test tube  
D) Experiment that is carried out on compute
9. Retro-orbital means collection of blood from \_\_\_\_\_.  
A) Ear    B) Nose    C) Tongue    D) Eye
10. \_\_\_\_\_ is not a method for Terminal/Post-Mortem blood collection.  
A) Cardiac Puncture    B) Axillary cut down    C) Blood collection from aorta    D) Tail Vein
11. Biological name of the frog is \_\_\_\_\_.  
A) Rana Tigrina    B) Rattus Norvegicus    C) Cavia Procellus    D) Oryctolagus cuniculus
12. \_\_\_\_\_ animal not consist vomiting centre, tonsil and gallbladder  
A) Rat    B) Mice    C) Guinea pig    D) Rabbit
13. Molecular weight of Acetyl Choline is \_\_\_\_\_.  
A. 181.78    B. 550    C. 120    D. 100
14. Atropine produce \_\_\_\_\_ on rabbit pupils.  
A. Increase pupil size    B. Decrease pupil size    C. No Effects    D. All Effects

15. Pyrogen test is useful to evaluate \_\_\_\_\_ product.  
A. Tablet      B. Parenteral      C. Capsule      D. Syrup
16. \_\_\_\_\_ animal is useful for pyrogen testing  
A. Rat      B. Rabbit      C. Guinea pig      D. Mice
17. \_\_\_\_\_ drug binds to the muscarinic receptors in sphincter muscles and causes miosis.  
A) Ephedrine      B) Acetylcholine      C) Lignocaine      D) Atropine
18. \_\_\_\_\_ drug has no effect on touch reflex of eye.  
A) Ephedrine      B) Acetylcholine      C) Lignocaine      D) Atropine
19. \_\_\_\_\_ substance is useful to produce writhing reflex in mice.  
A) Acetic acid      B) Carrageen      C) Lignocaine      D) Atropine
20. Which drug inhibits electrically induced convulsion?  
A) Diazepam      B) Na-Valproate      C) Phenytoin      D) Ethosuximide
21. In MES, electrodes apply on \_\_\_\_\_ produce epilepsy in rat or mice.  
A) Abdomen      B) Paw      C) Eye or Ear      D) Tail
22. Fall-off time is used in \_\_\_\_\_ apparatus.  
A) Rota rod      B) Actophotometer      C) Cooks-pole climbing      D) Plus-maze
23. For isolated frog heart experiment \_\_\_\_\_ lever is used.  
A) Simple writing      B) Starling's heart      C) Frontal Writing      D) Gimble
24. Skeletal muscle relaxants can be evaluated by \_\_\_\_\_.  
A) Rota rod      B) Actophotometer      C) Cooks-pole climbing      D) Plethysmograph
25. Cut-off time is observed for evaluation of \_\_\_\_\_ agents:  
A) Analgesic      B) Anti-inflammatory      C) Antipsychotics      D) Sedative
26. Speed of rotarod is selected around \_\_\_\_\_.  
A) 5 rpm      B) 10 rpm      C) 20 rpm      D) 30 rpm
27. 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
28. Locomotor activity is measured by \_\_\_\_\_ instrument.  
A) Rota rod      B) Actophotometer      C) Cooks-pole climbing      D) Plethysmograph