

EXERCISE-I (Conceptual Questions)**Build Up Your Understanding**

1. Functional kidney of frog is :
 (1) Pronephric (2) Mesonephric (3) Metanephric (4) Absent
2. Bidder's canal in frog is found in :
 (1) Kidney (2) Testes (3) Urinary bladder (4) Cloaca
3. Which of the following is the function of kidney frog?
 (1) Excretion (2) Osmoregulation
 (3) Haemopoiesis in larva (4) All of the above
4. In male frog ureter transfer :
 (1) Urine (2) Sperms (3) Both 1 and 2 (4) None
5. Cortex and medulla region in frog kidney.
 (1) Less distinct (2) More distinct (3) Absent (4) None
6. Excretory product of frog is :-
 (1) Urea (2) Ammonia (3) Uric acid (4) Amino acids
7. Pyramids in kidney of frog are :-
 (1) Two (2) Five (3) Ten (4) Absent
8. Teeth of frog are:-
 (1) Pleurodont (2) Thecodont (3) Heterodont (4) Acrodont
9. Lower jaw is toothless is :
 (1) Cockroach (2) Man (3) Rabbit (4) Frog
10. The venous system of frog differs from that of rabbit in the presence of:-
 (1) Hepatic portal system (2) Renal portal system
 (3) Hepatic vein (4) Three vena cava
11. Three chambered heart is found in:-
 (1) Frog (2) Butterfly (3) Crocodile (4) Fish
12. Absence of thumb is feature of :-
 (1) Rabbit (2) Man (3) Frog (4) Monkey
13. Dorsal part of frog is and ventral part is
 (1) Olivegreen, uniformly pale yellow
 (2) Olivegreen, uniformly dark yellow
 (3) Olivegreen, nonuniformly pale yellow
 (4) Olivegreen, nonuniformly dark yellow
14. Common Indian bull frog is:-
 (1) Rana tigrina (2) Rana esculenta
 (3) Rana silvatica (4) Rana goliath

15. Summer sleep of frog is called:-
(1) Hibernation (2) Aestivation (3) Both (4) None
16. Head of frog is . . . and its anterior conical part is called :-
(1) Circular, snout (2) Triangular, snout
(3) Rectangular, snout (4) Pentagonal, snout
17. Select the true statement regarding frog (*Rana tigrina*):-
(1) Frog is a homeothermal animal
(2) Frog drinks about 5 litres Hp per day
(3) Poisonous glands are not found on the body of frog
(4) A very long tail is present in posterior part of frog's body
18. Frog belong to order :-
(1) Urodela (2) Apoda (3) Caudata (4) Anura
19. Vocal sacs are found in :-
(1) Male frog (2) Female frog (3) Both (4) None
20. The glands present in the skin of frog are :-
(1) Mucous and poisonous (2) Sweat and mammary
(3) Sweat and sebaceous (4) Mucous and sweat
21. A hibernating frog respire with :-
(1) Lung (2) Diaphragm
(3) Buccal epithelium (4) Skin
22. Which of the following trait is not characteristic of frog :-
(1) Thin, scaleless skin (2) Aquatic reproduction
(3) Amniote egg (4) Cutaneous respiration
23. Neck is absent in frog. This helps frog in :
(1) Catching prey (2) Respiration
(3) Swimming in water (4) Jumping on ground
24. A frog lives in water or near water because:
(1) It can get its food easily in water
(2) Its hindlimbs are webbed and help in swimming
(3) It can see through its transparent eyelids while swimming
(4) It respire through the skin
25. *Rana tigrina* is zoological name of :
(1) Frog (2) Leopard (3) Lizard (4) Earthworm
26. Frog belongs to amphibian because :
(1) Tail is not found in it
(2) Lungs are found in it
(3) Its tadpoles are aquatic in nature

(4) It lives in water as well as on land

27. Skull of frog is :
(1) Tricondylic (2) Monocondylic (3) Dicondylic (4) Polyconylic
28. Which of the following found in frog :
(1) Five fingers and four toes (2) Four fingers and five toes
(3) Five fingers and five toes (4) Four fingers and four toes
29. Frog reproduces:
(1) In water (2) On trees
(3) In sand (4) On lotus flowers in water
30. Number of cranial nerves found in frog :-
(1) 10 (2) 12 (3) 20 (4) 24
31. The third eyelid in frog is called :-
(1) Pineal eye (2) Lower eyelid
(3) Nictitating membrane (4) Upper eyelid
32. Alimentary canal in frog terminates into
(1) Cloaca (2) Stomach (3) Ileum (4) Duodenum
33. The liquefied semidigested acidic food is known as:-
(1) Bile (2) Bolus (3) Chyme (4) Faeces
34. Skin helps in exchange of gases because :-
(1) It is kept moist by the mucus and water
(2) It is thin
(3) It is richly supplied with blood
(4) All of these
35. Air enters into the lungs through the
(1) Skin (2) Buccal cavity (3) Mouth (4) Cloaca
36. Pericardium is a
(1) Thin, transparent and two layered sac.
(2) Thick, cuticular and two layered sac.
(3) Thick, transparent and three-layered sac.
(4) Thin, opaque and four layered sac.
37. Kidneys in adult frog are :-
(1) Pronephric (2) Metanephric (3) Mesonephric (4) All of these
38. In frogs, urine is temporarily stored in
(1) Kidneys (2) Urinary bladder (3) Ureters (4) Cloaca
39. In frogs, heartbeat is controlled by :-
(1) Cerebellum (2) Spinal cord
(3) Medulla oblongata (4) Mid-brain

40. Vasa-efferentia in male frog opens into
 (1) Vas deferens (2) Bidder's canal
 (3) Cloaca (4) Urinogenital duct

NEET (UG) 2017

41. Select the correct route for the passage of sperms in male frog:-
 (1) Testes → Vasa efferentia → Kidney → Seminal vesicle → Urinogenital duct → Cloaca
 (2) Testes → Vasa efferentia → Bidder's canal → Ureter → Cloaca
 (3) Testes → Vasa efferentia → Kidney → Bidder's canal → Urinogenital duct → Cloaca
 (4) Testes → Bidder's canal → Kidney → Vasa efferentia → Urinogenital duct → Cloaca
42. Frog's heart when taken out of the body continues to beat for sometimes.
 Select the best option from the following statements
 (a) Frog is a poikilotherm
 (b) Frog does not have any coronary circulation
 (c) Heart is "Myogenic" in nature
 (d) Heart is autoexcitable
 Option:-
 (1) Only d (2) a and b (3) c and d (4) only c

ANSWER KEY

EXERCISE-I (Conceptual Questions)

- | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|
| 1. (2) | 2. (1) | 3. (4) | 4. (3) | 5. (3) | 6. (1) | 7. (4) |
| 8. (4) | 9. (4) | 10. (2) | 11. (1) | 12. (3) | 13. (1) | 14. (1) |
| 15. (2) | 16. (2) | 17. (3) | 18. (4) | 19. (1) | 20. (1) | 21. (4) |
| 22. (3) | 23. (4) | 24. (4) | 25. (1) | 26. (4) | 27. (3) | 28. (2) |
| 29. (1) | 30. (3) | 31. (3) | 32. (1) | 33. (3) | 34. (4) | 35. (2) |
| 36. (1) | 37. (3) | 38. (2) | 39. (3) | 40. (2) | 41. (3) | 42. (3) |