

1. Centipede and millipede are included in class

- (a) Insecta & crustacea
- (b) Crustacea & arachnida
- (c) Chilopoda & diplopoda
- (d) Diplopoda & crustacea

2. Coxal glands are the excretory organ of: -

- (a) Cray fish
- (b) Devil fish
- (c) Jelly - fish
- (d) Scorpion

3. Most of the adult insects have six legs and : -

- (a) Two antennae and four wings
- (b) Four antennae and four wings
- (c) Two antennae and two or four wings
- (d) Four wings and four eyes

4. The first flying animals on earth were : -

- (a) Insects
- (b) Birds
- (c) Reptiles
- (d) Mammals

5. Chemoreceptor in *Pila* is?

- (a) Ctenidium
- (b) Radula
- (c) Osphradium
- (d) Statocyst

6. In *Hydra*, waste material of food digestion and nitrogenous waste material removed respectively from : -

- (a) Mouth and mouth
- (b) Body wall and body wall
- (c) Mouth and bodywall
- (d) Mouth and tentacles

7. Given below are four matchings of an animal and its kind of respiratory organ :

- A. Silver fish– trachea
- B. Scorpion– book lung
- C. Sea squirt– pharyngeal gills
- D. Dolphin – skin

The correct matchings are : -

- (a) A and D
- (b) A, B and C
- (c) B and D
- (d) C and D

8. In contrast to Annelids the Platyhelminths show

- (a) Absence of body cavity
- (b) Presence of pseudocoel
- (c) Radial symmetry

(d) Bilateral symmetry

9. Which one of the following is not correctly matched

- (a) *Culex pipiens*– Filariasis
- (b) *Aedes aegypti*– Yellow fever
- (c) *Anopheles culicifacies*– Leishmaniasis
- (d) *Glossina palpalis*– Sleeping sickness

10. The canal system is characteristic feature of -

- (a) sponges
- (b) helminthes
- (c) echinoderms
- (d) coelenterates

11. Contractile vacuole of *Amoeba* is analogous to :

- (a) Typhlosole of earthworm
- (b) Sweat gland of human
- (c) Uriniferous tubules of frog and man
- (d) Gastrovascular cavity of *Hydra*

12. Which of the following is pseudocoelomate

- (a) *Hydra*
- (b) *Pariplaneta*
- (c) *Ascaris*
- (d) *Pheretima*

13. Which of the following group is Duterostome

- (a) Annelida, Arthropoda, Mollusca
- (b) Echinodermata, Hemichordata, Chordata
- (c) Annelida, Mollusca, Chordata
- (d) Arthropoda, Mollusca, Echinodermata

14. Intermediate host of *Schistosomais* : -

- (a) Snail
- (b) Mosquito
- (c) Housefly
- (d) Lion

15. *Sycon* belongs to a group of animals, which are best described as : -

- (a) Unicellular or acellular
- (b) Multicellular without any tissue organization
- (c) Multicellular with a gastrovascular system
- (d) Multicellular having tissue organization, but no body cavity

16. Which one of the following phyla is correctly matched with its general characteristics?

- (a) Porifera - Cellular level of organisation and external fertilisation
- (b) Coelenterata - Diploblastic and mostly Asymmetric
- (c) Aschelminthes - Pseudocoelomates and dioecious
- (d) Hemichordata - Coelomates and closed circulatory system

17. Which one is monogenetic parasite?

- (a) *Trypanosoma*
- (b) *Plasmodium*
- (c) *Entamoeba*
- (d) Liver fluke

18. Which one of the following is a matching pair of a body feature and the animal possessing it?

- (a) Canal system - *Asterias*
- (b) Metagenesis - *Obelia*
- (c) Dorsal nerve cord - *Pheretima*
- (d) Muscular pharynx - *Taenia*

19. One of the following animals is not hermaphrodite

- (a) Earthworm
- (b) Leech
- (c) *Taenia*
- (d) *Ascaris*

20. In Annelids formation of larva is usually absent but when present the larva is called :

- (a) Tadpole
- (b) Planula
- (c) Trochophore
- (d) Ephyra

21. Excretion in most Annelids take place by -

- (a) Kidneys
- (b) Flame cells
- (c) Nephridia
- (d) Ciliated funnel

22. Larval form of *Fasciolahepatica* which penetrates snail is -

- (a) Metacercaria
- (b) Miracidium
- (c) Cysticercus
- (d) Cercaria

23. True coelom appeared first during the course of evolution in : -

- (a) Echinodermata
- (b) Annelida
- (c) Chordata
- (d) Protozoa

24. Rhabditiform larva occurs in:

- (a) *Neries*
- (b) *Ascaris*
- (c) *Taenia*
- (d) *Fasciola*

25. Sea - anemone belongs to phylum -

- (a) Protozoa
- (b) Porifera
- (c) Coelenterata
- (d) Echinodermata

26. Syncytial or coenocytic epidermis is associated with:

- (a) *Hydra*
- (b) Star fish
- (c) Earthworm
- (d) *Ascaris*

27. Ink glands are found in:

- (a) Sponge
- (b) Star fish
- (c) *Sepia*
- (d) Jelly fish

28. Cephalopod with exoskeleton : -

- (a) *Pila*
- (b) *Chiton*
- (c) *Unio*
- (d) *Nautilus*

29. A sponge harmful to oyster industry is

- (a) *Spongilla*
- (b) *Euspongia*
- (c) *Hyalonema*
- (d) *Cliona*

30. Haemoglobin is dissolved in blood plasma of

- (a) Frog
- (b) Rabbit
- (c) Cockroach
- (d) Earthworm

1. (c)
2. (d)
3. (c)
4. (a)
5. (c)
6. (c)
7. (b)
8. (a)
9. (c)
10. (a)
11. (a)
12. (c)
13. (b)
14. (a)
15. (b)
16. (c)
17. (c)
18. (b)
19. (d)
20. (c)
21. (c)
22. (b)
23. (b)
24. (b)
25. (c)
26. (d)
27. (c)
28. (d)
29. (d)
30. (d)