

Objective questions: platyhelminthes:

1. Platyhelminthes are best described as

- a) flatworms, triploblastic , acoelomate animals
- b) flatworms, diploblastic , acoelomates
- c) flatworms, triploblastic , coelomates
- d) flatworms, triploblastic , pseudocoelomates animals

2. An important character which platyhelminthes share with the acnidarians is

- a) diploblastic condition
- b) single cavity communicating with the exterior
- c) three germ layers and no coelom
- d) Presence of complicated reproductive system

3. Free living platyhelminthes forms belong to the class

- a) Cestoda
- b) Trematoda
- c) Turbellaria
- d) Nematoda

4. In helminthes, flame cells are component of their

- a) reproductive system
- b) excretory system
- c) nervous system
- d) respiratory system

5. *Fasciola hepatica* is an endoparasite that lives in the

- a) liver of sheep
- b) blood of sheep
- c) spleen of sheep
- d) Intestine of sheep

6. The intermediate host in the life cycle of *Taenia saginata* is

- a) Pig
- b) Goat
- c) Dog
- d) Cattle

7. *Taenia solium* lacks alimentary canal because

- a) it does not require any food
- b) it lives in the intestine
- c) it has saprozoic mode of feeding
- d) None of the above

8. Which of the following is called 'Blood fluke' of man?

- a) *Taenia*
- b) *Paragonium*
- c) *Fasciola*
- d) *Schistoma*

9. Rhabdites are present in the cells of epidermis in

- a) Cestoda
- b) Trematoda
- c) Turbellaria
- d) None of these

10. Cilia help in locomotion over solid surfaces in

- a) Miracidium larva of *Fasciola*
- b) Planaria
- c) Hydra
- d) Turbellaria

11. Which of the following swim by ciliary action?

- a) Adult *Fasciola*
- b) Miracidium, redia, and cercaria of *Fasciola*
- c) Miracidium larva of *Fasciola*
- d) Redia larva of *Fasciola*

12. In the life cycle of Liver fluke the sheep get infection when they ingest

- a) encysted cercariae
- b) miracidia
- c) sporocysts
- d) rediae

13. A well developed nervous system and sense organs are present in members of the class

- a) Turbellaria
- b) Cestoda
- c) Trematoda
- d) None of these

14. Miracidium is a larval stage in the development of

- a) *Taenia solium*
- b) *Fasciola hepatica*
- c) *Ascaris*
- d) *Echinococcus*

15. The intermediate host of *Fasciola* is

- a) *Limnaea truncatula*
- b) *Pila globosa*
- c) *Lamellidens*
- d) *Helix*