

Time: One Hour

Max. Marks: 25

instructions

- solve any 25 questions.

1 Non-chordates is

- (A) Porifera to Platyhelminthes (B) Porifera to Annelida (C) Porifera to Echinodermata (D) None

2 Organs of defense in Paramecium is

- (A) Statocysts (B) trichocysts (C) Otocysts (D) Nematocysts

3 Segments of Tapeworm are called

- (A) Scolex (B) Cysticercus (C) Proglottides (D) Onchosphere

4 Porocytes are special cells for the passage of

- (A) Excretory products within body of flatworms (B) Sweat upon surface of mammalian epidermis (C) Outgoing water currents on top of sponges (D) Incoming water current in the body of sponges

5 Cytopyge is present in

- (A) Paramecium caudatum (B) Entamoeba histolytica (C) Amoeba (D) Plasmodium

6 Which is monogenetic in the following

- (A) Tapeworm (B) Ascaris (C) Fasciola (D) Plasmodium

7 A chamber common to all types of canal systems of sponges is called

- (A) Radial chamber (B) Excurrent canal (C) Paragastric cavity (D) Incurrent canal

8 In Ascaris third moulting takes place in

- (A) Intestine (B) Liver (C) Lung (D) Egg

9 Examples of Platyhelminth are

- (A) Planaria (B) Taenia (C) Fasciola (D) All of the above

10 Sponges exhibit

- (A) Cellular level of organisation (B) Multicellular level of organisation (C) Acellular level of organisation (D) None

11 Anticoagulant secreted by leech is

- (A) Heparin (B) Haematin (C) Haemoglobin (D) Hirudin

12 The excretory units of annelids are

- (A) Uriniferous tubules (B) Flame cells (C) Nephridia (D) Nephrostomes

13 Platyhelminthes are

- (A) Triploblastic (B) Diploblastic (C) Both A and B (D) None of the above

14 Leech belongs to which subclass

- (A) Polychaeta (B) Hirudinea (C) Oligochaeta (D) Chaetopoda

15 Fasciola hepatica belongs to the class

- (A) Nematoda (B) Cestodia (C) Turbellaria (D) Trematoda

16 In helminths flame cells are components of

- (A) Reproductive system (B) Excretory system (C) Nervous system (D) Respiratory system

17 Examples of Aschelminthes are

- (A) Taenia solium (B) Planaria (C) Ascaris (D) None of the above

18 Features of Coelenterata are

- (A) False coelom (B) Mostly marine (C) Alteration of generation (D) All of the above

19 In which animal the Polyp and Medusa both are found in

- (A) Hydra (B) Obelia (C) Physalia (D) Aurelia

20 Which of the following is not found in Vertebrates

- (A) Bilateral symmetry (B) Gill opening (C) Body scales (D) Cnidoblast

21 Which of the following has no segmentation

- (A) Obelia (B) Centipede (C) Cockroach (D) Earthworm

22 Nematocysts take part in

- (A) Locomotion (B) Offence and Defense (C) Food capture (D) All of the above

23 Characteristic feature of Coelenterate are

- (A) Gastrovascular cavity (B) All are marine (C) Presence of tentacles in mouth (D) None of the above

24 Larva of a sponge is known as

- (A) Planula larva (B) Trocophore larva (C) Glochidium larva (D) Amphiblastula larva

25 Ascaris completes its life cycle in

- (A) Only in man (B) Man and sheep (C) Man and mosquito (D) Man and cow

26 The free living Platyhelminths are

- (A) Turbellaria (B) Cestoda (C) Trematoda (D) Trematoda and Cestoda

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27 Phylum Porifera is classified based on

(A) Branching (B) Symmetry (C) Spicules (D) Reproduction

28 Planaria, Liverfluke and Taenia Solium are

(A) Segmented (B) Found in the gut (C) Have coelom (D) Flatworms

29 Cnidaria is characterized by

(A) Tissue level of organisation (B) Nematoblast (C) Coelenteron (D) All of the above

30 Sexual dimorphism is found in

(A) Amoeba (B) Earthworm (C) Ascaris (D) All of the above