

Undergraduate Programme – Zoology

Model Question Paper

Questions: 40

Time : 40 Minutes

Max. Marks 40 x 1 : 40

SAMPLE QUESTIONS

- 1) The three germ layers namely ectoderm, endoderm and mesoderm are found in
 - A) All the chordates only
 - B) All the chordates except the protochordates
 - C) All the chordates and higher vertebrates
 - D) Higher chordates and higher vertebrates
 - E) Protochordates only

- 2) Bilateral symmetry is seen in the body organization of
 - A) Only chordates
 - B) Vertebrates only
 - C) Vertebrates, annelids, arthropods and cnidarians
 - D) Annelids, arthropods and vertebrates
 - E) Cnidarians only

- 3) In which of the animals the heart does not have the left and right auricles?
 - A) Cartilaginous and bonyfishes
 - B) Frogs and toads
 - C) Lizards and snakes
 - D) Crocodiles and alligators
 - E) Lizards only

- 4) Free living Platyhelminthes forms belong to the class
 - A) Cestoda
 - B) Trematoda
 - C) Turbellaria
 - D) Nematoda
 - E) Pinctoda

- 5) Platyhelminthes are best described as
 - A) Flat worms, triploblastic, acoelomate animals
 - B) Flat worms, diploblastic acoelomates
 - C) Flat forms, triploblastic, coelomates
 - D) Flat forms, pseudo coelomates
 - E) Coelomates only

- 6) Miracidium is a larval stage in the development of
 - A) Taenia solium
 - B) Fasciola hepatica
 - C) Ascaris
 - D) Echinococcus
 - E) Trypanosoma sp.

- 7) Rhabdites are present in the cells of epidermis in
- A) Cestoda
 - B) Trematoda
 - C) Turbellaria
 - D) None of these
 - E) Crabs
- 8) African sleeping sickness is caused by
- A) *Giardia intestinalis*
 - B) *Leishmania donovani*
 - C) *Trypanosoma gambiense*
 - D) *Entamoeba histolytica*
 - E) *Paragonium sp.*
- 9) *Entamoeba* can be identified from amoeba due to the absence of
- A) Pseudopodia
 - B) Nucleus
 - C) Food vacuoles
 - D) Contractile vacuole
 - E) Rhizopodia
- 10) The mode of nutrition in paramecium is
- A) Saprozoic
 - B) Saprophytic
 - C) Holophytic
 - D) Holozoic
 - E) Heterozoic
- 11) Sleeping sickness is caused by the bite of
- A) Tet-sefly
 - B) Bed bug
 - C) Male mosquito
 - D) Female mosquito
 - E) Male and female *Aedes* mosquito
- 12) HIV belongs to which of the following families of virus?
- A) Reovirus
 - B) Lentivirus
 - C) Togaviridae
 - D) Adenovirus
 - E) Herpes virus

13) Pearls of commercial value are produced by which of the following genera?

- A) Pinctada
- B) Unio
- C) Anodonta
- D) Ostrea
- E) Pila

14) Devil fish is the common name of

- A) Sepia
- B) Loligo
- C) Octopus
- D) Teredo
- E) Chiron

15) Epithelial cells of the intestine involved in food absorption have on their surface

- A) Pinocytotic vesicles
- B) Zymogen granules
- C) Phagocytic vesicles
- D) Microvilli
- E) Macrovilli

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