

Class:- B.Sc Ist year Semester -I

Sub:- zoology

Marks:- 30

1) Digestive System of leech consists of: _____

- a) Alimentary Canal & Digestive gland.
- b) Rectum
- c) Crop
- d) pharynx

2) How many pairs of nephridia are seen extending from the 6th to 22nd segments in leech?

- a) 16 pairs
- b) 14 pairs
- c) 17 pairs
- d) 15 pairs

3) Which are pairs of Coelomic Sac situated in the 11th segment.

- a) Common oviduct
- b) ovaries
- c) oviducts
- d) vagina

4) Earthworm is: _____

- a) Hypospadias
- b) Ambiguous genitalia
- c) Micropenis
- d) Hermaphrodite

5) Each Spermatheca is a _____ shape of structure in female reproductive organs in Earthworm.

- a) flask
- b) oval
- c) narrow
- d) circle

6) Paramecium is commonly known as: _____ (2)

a) Organ pipe coral

b) Slipper animalcule

c) Sea Anemone

d) Venus flower basket.

7) Tubiporea belongs to the class: _____

a) Calcareo

b) Hexactinellida

c) Anthozoa

d) Scyphozoa

8) Aphrodite is a _____ burrowing from in mud in deep water.

a) Fresh

b) Marine and brackish

c) Marine

d) brackish

9) Which is the first larval stage in the life cycle of *Fasciola hepatica*?

a) Antizoea

b) nauplius

c) Cercaria

d) Miracidium

10) _____ excretory canals are present in T. S. of female Ascaris.

a) one lateral

b) four lateral

c) Two lateral

d) Three lateral

11) Amoeba is a minute organism measuring from _____

a) 0.75 mm to 1.00 mm

b) 0.85 mm to 1.00 mm

c) 0.75 mm to 0.25 mm

d) 0.25 mm to 1.00 mm

12) Euplectella is a _____

- a) barrel sponge
- b) Free swimming sponge
- c) Colony sponge
- d) Solitary sponge

13) Liver fluke causes a disease called: _____

- a) Heart - eat
- b) liver - eat
- c) Intestine - eat
- d) stomach - eat

14) Medusa is: _____

- a) Umbrella like structure
- b) rod like structure
- c) Diamond like structure
- d) Rectangular like structure

15) Entamoeba is a: _____

- a) ciliated protozoans
- b) flagellated protozoans
- c) parasitic protozoans
- d) Amoeboid protozoans

16) The dissecting microscope has a _____ lens system

- a) four
- b) single
- c) triple
- d) double

17) Its cell wall is followed by _____ which is lipoprotein in nature.

- a) Endoplasmic Reticulum
- b) Ribosome
- c) plasma membrane
- d) Mitochondria

18) _____: RBC immersed in isotonic solution retain normal biconcave shape.

- a) In Isotonic solⁿ
- b) In Hypertonic solⁿ.
- c) NaCl solⁿ
- d) In Hypotonic solⁿ.

19) How many stages in of the mitosis ?

- a) Six
- b) Three
- c) Four
- d) Five

20) The polytene chromosomes are also called .

- a) Telocentric
- b) acrocentric
- c) giant chromosomes
- d) Metacentric

21) _____ lie closely connected, together in the anterior part of the 3rd segment.

- a) Sub-pharyngeal ganglia
- b) Circum-pharyngeal connectives
- c) Cerebral ganglia
- d) Ventral nerve Cord.

22) Sub-pharyngeal ganglia lying beneath the pharynx in the posterior part of the _____.

- a) 2nd segments
- b) 3rd segments
- c) 5th segments
- d) 4th segments

23) How many pairs nervous system of Earthworm ?

- a) Two
- b) Three
- c) Four
- d) Five

24) _____ runs straight back along the mid-ventral line from the sub-pharyngeal ganglia to the posterior end of the body.

- a) Circum-pharyngeal connective
- b) Ventral nerve Cord
- c) Cerebral ganglia
- d) Sub-pharyngeal ganglia

25) How many classes in phylum Coelenterata ?

- a) Three
- b) five
- c) Two
- d) one

26) platyhelminthes are bilaterally symmetrical and dorsoventrally flattened worms is also called; _____

- a) round worms
- b) Earth worms
- c) Flat worms
- d) segmented worms.

27) Nereis is found in : _____

- a) burrows in sand
- b) water
- c) bottom in pond
- d) air

28) Ancylostoma is belongs to the phylum: _____

- a) plathyhelminthes
- b) Annelida
- c) Coelenterata
- d) Aschelminthes

29) class Calcarea is belongs to the phylum: _____

- a) Coelenterata
- b) protozoa
- c) porifera
- d) Annelida

30) How many parts of Compound microscope ?

- a) 15
- b) 11
- c) 5
- d) 10