

XI - STANDARD [E/M]

BIO - ZOOLOGY

MARKS : 30

INVERTEBRATA ONE MARK TEST

1. Book lungs are respiratory organs in
 - (A) Insects (B) Arachnids (C) Molluscs (D) Echinoderms.
2. Exoskeleton of which phylum consists of chitinous cuticle?
 - (A) Annelida (B) Parifera (C) Arthropoda (D) Echinodermata.
3. Salient features of Arthropoda is
 - (A) aquatic and free living (B) chitinous exoskeleton and jointed appendages. (C) radulla (D) none of these
4. The second largest number of species containing phylum in the animal kingdom is
 - (A) Annelida (B) Arthropoda (C) Mollusca (D) Chordata
5. Which one of the following groups of animals is bilaterally symmetrical and triploblastic?
 - (A) aschelminthes (round worms) (B) ctenophores (C) Sponges (D) coelenterates (Cnidarians).
6. Green glands present in some arthropods help in
 - (A) respiration (B) excretion (C) digestion (D) none of these.
7. Excretory organ of platyhelminths is
 - (A) gills (B) flame cells (C) nephridia (D) trachea.
8. Water vascular system is a characteristic of
 - (A) ctenophore (B) annelid (C) echinodermata (D) arthropoda.
9. Pseudocoelom is not found in
 - (A) Ascaris (B) Ancylostoma (C) Fasciola (D) none of these.
10. Cilia of gills of bivalve molluscs help in
 - (A) protection (B) respiration (C) excretion (D) feeding
11. Parthenogenesis can be seen in
 - (A) frog (B) honey bee (C) moth (D) all of these.
12. Oesophagus is meant for
 - (A) excretion (B) nutrition (C) selection and rejection of food (D) grinding of food.

13. Primitive nervous system is formed in
 (a) Sponge (b) Cnidaria (coelenterate) (c) echinodermata
 (d) annelida.
14. Ambulacral system is mainly useful for
 (a) locomotion (b) feeding (c) circulation (d) defence
15. The pigment haemocyanin is found in
 (a) mollusca (b) chordate (c) echinodermata (d) annelida
16. Common characteristics of cockroach, housefly and mosquito are.
 (a) One pair each of wings and halteres (b) three pairs of legs and one pair of developed wings (c) two pair of legs and two compound eye (d) compound and simple eyes.
17. Collar cells of Sponges is known as
 (a) pinacocytes (b) choanocytes (c) choanoflagellates (d) All of the above.
18. Find odd one out - which one is not found in organ level of organisation?
 (a) Flatworms, nematodes (b) Annelids, arthropods (c) Molluscs, echinoderms (d) Sponges, chordates.
19. Which character is not included in cnidarians?
 (a) The polyp forms are sessile and cylindrical
 (b) The medusa are umbrella shaped and free swimming
 (c) Reproduce asexually by fragmentation or gemmule formation and sexually by the formation of gametes.
 (d) Exhibit alternation of generations in their life cycle
20. Which character is not included in ctenophora?
 (a) Larval stages such as parenchymulla and amphiblastula with indirect development.
 (b) Exclusively marine, radially symmetrical, diploblastic animals
 (c) Though they are diploblastic, their mesoglea is different from that of Cnidaria (d) It contains amoebocytes and smooth muscle cells.
21. Mention the function of lasso cells or collo-blasts.
 (a) Respiration (b) Capturing food (c) circulation (d) Excretion
22. Jointed appendages in Arthropoda which are used for
 (a) locomotion (b) feeding (c) Sensory (d) all of the above

23. Which character is not included in Aschelminthes?
- (a) Excretory system consists of renet glands
 - (b) First Segmented animals to evolve
 - (c) Sexes are separate; and exhibit sexual dimorphism; females are longer than males.
 - (d) Fertilisation is internal; majority are oviparous few are ovoviviparous.
24. Which character is included in Echinodermata?
- (a) Reproduction is sexual and fertilization is external
 - (b) Development is indirect with free swimming bilaterally symmetrical larval forms.
 - (c) Exhibit autotomy with remarkable powers of regeneration
 - (d) All of the above
25. Which is a character of Hemichordata?
- (a) They are ciliary feeders
 - (b) Their circulatory system is simple and with a dorsal heart
 - (c) Respiration is through paired gill slits opening into the pharynx
 - (d) All of the above
26. Read the following statements about Phylum Cnidaria and choose the best options.
- (a) Cnidarians previously called Coelenterata
 - (ii) The stinging cells or nematocyst on tentacle
 - (iii) Bioluminescence is well marked in Ctenophores
 - (iv) It includes free swimming ciliated planula larva
- (a) i, ii, iii - are correct
 - (b) i, ii - are correct
 - (c) i, iii, iv - are correct
 - (d) i, ii, iii, iv - are correct
27. Match Choose the correct matched pair
- (a) Arthropodes - Jointed appendages which are used for locomotion
 - (b) mollusca - They have Renet gland used as excretion
 - (c) Annelids - Respiration is through paired gill slite
 - (d) Aschelminthes - They have flame cells used as respiration

28. Match the following and choose the best option

p) Annelids - I veliger

q) Hemichordata - II Paranchymula

r) Ctenopora - III trocophore

s) mollusca - IV tornaria

t) porifera - V cydippid

a) p-IV, q-V, r-III, s-I, t-II

b) p-III, q-V, r-I, s-II, t-IV

c) p-I, q-II, r-III, s-IV, t-V

d) p-III, q-IV, r-V, s-I, t-II

29. The microfilariae in the peripheral blood was first identified by -

a) madhavakara b) Susruta c) clarke d) Lewis

30. Which is a character of Hemichordata

a) Earlier treated as a subphylum of Chordata

b) They are now regarded to be an independent phylum of invertebrates

c) This group possess the characters of invertebrates as well as chordates

d) All of the above