

**TEST – 6**  
**CHAPTER NO.10**

|                             |                       |                      |
|-----------------------------|-----------------------|----------------------|
| <b>Biology (New Scheme)</b> | <b>Inter Part I</b>   | <b>Group- I / II</b> |
| <b>Time : 20 Min.</b>       | <b>Objective Type</b> | <b>Marks:17</b>      |

**Note:-** You have four choices for each objective type question as A,B,C and D. The choice which you think is correct, fill that circle in front of that question number. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero in that question.

- 1.1 The asexual reproduction in sponges is by  
(A) Budding (B) Fertilization (C) Conjugation (D) Conidiospores
2. Animals that have parenchyma cells filled body cavity are called.  
(A) Acoelomate (B) Coelomates (C) Pseudocoelomate (D) Blastocoel
3. The inner layer of most sponges is called.  
(A) Pinacoderm (B) Choanoderm (C) Endoderm (D) Epiderm
4. Which one of following does not belong to phylum plathelminthes?  
(A) Dugesia (B) Aenia (C) Fasciola (D) Crab
5. Common name for Acyclostoma duodenale is.  
(A) Hook worm (B) Pin work (C) Tape work (D) Earth worm
6. The body cavity of Namatoda is.  
(A) Blastocoel (B) Pseudocoelom (C) Haemocoelom (D) Coelom
7. Parapodia are the organs of locomotion in  
(A) Leech (B) Earthworm (C) Planaria (D) Neries
8. Nereis belongs to phylum.  
(A) Nematoda (B) Annelida (C) Arthropoda (D) Mollusca
9. Blood of Arthropods is.  
(A) Green colour (B) Red Colour (C) Brown colour (D) Colourless
10. The second largest phylum of the invertebrates is.  
(A) Annelida (B) Mollusca (C) Echinodermata (D) Plathelminthes
11. Which one of the following animal has closed blood circulatory system.  
(A) Snail (B) Octopus (C) Insects (D) Calms
12. The phylum which is exclusively marine is.  
(A) Cnidaria (B) Porifera (C) Echinodermata (D) Annelida
13. Which one of the following is not a sub phylum of chordata?  
(A) Urochordata (B) Hemichordata (C) Cephalochordata (D) Vertebrata
14. The presence of notochord is the character of.  
(A) Arthropoda (B) Mollusca (C) Nematoda (D) Chordata
15. Which one of the following is not included in amniota?  
(A) Mammals (B) Reptiles (C) Amphibians (D) Aves
16. The one that is mammal.  
(A) Kangaroo (B) Kiwi (C) Frog (D) Snake
17. Kangaroo belongs to sub-class.  
(A) Matatheria (B) Prototheria (C) Eutheria (D) Reptilia

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| <b>Biology (New Scheme)</b> | <b>Inter Part I</b>    | <b>Group- I / II</b> |
| <b>Time : 2:40 hours.</b>   | <b>Subjective Type</b> | <b>Marks:68</b>      |

**SECTION - I**

**2. Write short answers to any EIGHT (8) questions. (8x2=16)**

- i. Differentiate between spiral and radial cleavage.
- ii. What is importance of sponges?
- iii. Differentiate between diploblastic and triploblastic animals.
- iv. What is polymorphism in Coelenterate?
- v. Give any two parasitic, adaptations of flat worms.
- vi. How insects are beneficial to man.
- vii. Name four harmful effects of insects.
- viii. Define regeneration.
- ix. What is swim bladder? Give its function.
- x. Differentiate between coelomates and acoelomates.
- xi. Define regeneration.
- xii. Differentiate between protostome and deuterostome with two points.

**3. Write Short answers to any EIGHT (8) questions. (8 x 2 =16)**

- i. Define protandrous.
- ii. What is coelom?
- iii. Differentiate between Radial symmetry and Bilateral symmetry.
- iv. Differentiate between polyp and medusa.
- v. What is metamorphosis?
- vi. Name any two beneficial insects.
- vii. What is radula?
- viii. What is madreporite? Give its function.
- ix. Write two affinities of echinoderms with hemichordates.
- x. Differentiate between nerve cord and notochord.
- xi. Write down importance of shark.
- xii. What is swim bladder? Give its function.

**4. Write Short answers to any SIX (6) questions. (6 x 2 = 12)**

- i. Write any two adaptations in fishes to aquatic mode of life.
- ii. What is syrinx? Give function.
- iii. Define placenta. What is its function?
- iv. Write down two characters of amphibians.
- v. Give examples of Metatheria.
- vi. Write down economic importance of Mollusca.
- vii. Name two classes of arthropods.
- viii. Differentiate between Oligochaeta and polychaeta.
- ix. Give two examples of phylum nematode.

## SECTION – II

**Note: Attempt any THREE (3) questions:**

**(3 x 8 = 24)**

5. (a) Give general characters of Phylum porifera.  
(b) Write down eight characters of coelentrates.
6. (a) Explain adaptations of platyhelminths towards parasitic mode of life.  
(b) Give adaptations of fishes to aquatic life.
7. (a) Describe characteristic features of reptiles.  
(b) Use and Mis-use of Antibiotic.
8. (a) Characteristics of Cyanobacteria.  
(b) Describe six characteristics of phylum Mollusca.
9. (a) Explain action and absorption spectrum.  
(b) What do you know about chemiosmosis.



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