

# WORKSHEET 1

## CHAPTER 7 – DIVERSITY IN THE LIVING WORLD

### A. Choose the correct option.

- Non-flowering plants belong to  
a. monocots.                      b. dicots.                      c. cryptogams                      d. phanerogams.
- Canal system is a characteristic feature of.  
a. Annelids.                      b. Echinodermata.                      c. Porifera.                      d. Arthropoda.
- Pseudocoelom is found in  
a. Arthropoda.                      b. Nematods.                      c. Annelida.                      d. Platyhelminthes.
- Locomotion in Mollusca is with the help of  
a. muscular foot.                      b. parapodia.                      c. tube feet.                      d. legs.
- Blood-filled cavity in Arthropoda is  
a. pseudocoel.                      b. coelomic cavity.                      c. acoelomic cavity.                      d. haemocoel.

### B. Fill in the blanks.

- \_\_\_\_\_ are also called vascular cryptogams.
- Locomotory organ in Annelida are \_\_\_\_\_
- Five kingdom classification was proposed by \_\_\_\_\_
- Excretory organ in earthworm is \_\_\_\_\_
- The simplest division of plants is \_\_\_\_\_

### C. Name the following.

- Phylum which possess water vascular system.
- Largest invertebrate phylum.
- Lowermost category in the taxonomic hierarchy.
- Division which have plants with naked seeds.
- Phylum which possess nematocyst.

### D. Match the items in Column A with those in Column B and write down the matching pairs.

#### Column A

- Pila*
- Holothuria*
- Wuchereria*
- Planaria*
- Sea anemone

#### Column B

- Echinodermata
- Coelenterata
- Mollusca
- Nematoda
- Platyhelminthes

Name: .....

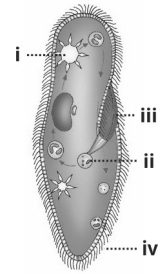
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**E. Study the figure given alongside and answer the following questions.**

1. Identify the organism.
2. Name the group to which it belongs.
3. Label parts **i-iv**.
4. State two characteristic features of this group.
5. Give examples of two more organisms belonging to this group.



# ANSWERS

## WORKSHEET 1

### A. Choose the correct option.

1. c.                                      2. c.                                      3. b.                                      4. a.                                      5. d.

### B. Fill in the blanks.

1. Pteridophyta
2. parapodia
3. R H Whitaker
4. nephridia
5. Thallophyta

### C. Name the following.

1. Echinodermata
2. Arthropoda
3. Species
4. Gymnosperms
5. Coelenterata

### D. Match the items in Column A with those in Column B and write down the matching pairs.

1. c.                                      2. a.                                      3. d.                                      4. e.                                      5. b.

### E. Study the figure given alongside and answer the following questions.

1. *Paramecium*
2. Protista
3. i. Contractile vacuole    ii. Food vacuole    iii. Oral groove    iv. Cilia
4. Characteristic features of Protista—
  - a. They have a well-organized nucleus with a nuclear membrane and complex membranous organelles.
  - b. They have hair-like cilia, flagella or pseudopodia for moving around.
5. *Amoeba, Euglena*