

## Chapter- 3

### Worksheet-2

1. Paramecium is a Protista because of its \_\_\_\_\_.
2. Fungi do not contain \_\_\_\_\_.
3. Real organs are absent in

- (a) Mollusca
- (b) Coelenterata
- (c) Arthropoda
- (d) Echinodermata

4. Which of the following animals possesses a water vascular system?



I. star fish



II. jelly fish



III. cuttle fish



IV. hydra

5. Which among the following produce seeds?
  - (a) Thallophyta
  - (b) Bryophyta
  - (c) Pteridophyta
  - (d) Gymnosperms
6. Identify a member of Porifera.

- (a) Spongilla
- (b) Euglena
- (c) Penicillium
- (d) Hydra

7. Skeleton is made entirely of cartilage in

- (a) Sharks
- (b) Tuna
- (c) Rohu
- (d) None of these

8. Which of the following have an open circulatory system?

- (i) Arthropoda
  - (ii) Mollusca
  - (iii) Annelida
  - (iv) Cnidaria
- (a) (i) and (ii)
  - (b) (i) and (iii)
  - (c) (ii) and (iv)
  - (d) (ii) and (iii)

9. Corals are

- (a) Poriferans attached to some solid support
- (b) Cnidarians, that are solitary living
- (c) Poriferans present at the sea bed
- (d) Cnidarians that live in colonies

10. Assertion (A): Marsilea and ferns are referred to as cryptogams.  
Reason (R): Cryptogams have inconspicuous or hidden organs.
- (a) Both A and R are true and R is the correct explanation of A.
  - (b) Both A and R are true but R is not the correct explanation of A.
  - (c) A is true but R is false.
  - (d) A is false but R is true.
11. Draw a diagram of Euglena and label the following parts:  
Flagellum, photoreceptor, eyespot, chloroplast, nucleus, contractile vacuole.
12. Who gave the idea of evolution for the first time in the book 'Origin of Species'?
13. Give the appropriate term for each of the following
- (a) Complex sugar that make the fungal cell wall
  - (b) Basic unit of classification
  - (c) Plants which bear naked seeds
  - (d) Group of unicellular eukaryotic organism
  - (e) Blue-green algae
14. Rewrite the scientific names correctly
- (a) panther tigris
  - (b) periplaneta Americana
15. Explain Whittaker's 5 kingdom classification with the help of a flow chart.

16. Differentiated between cryptogams and phanerogams.
17. What does the seed contain?
18. Write characteristic features of Chordates.
19. Give the important features of division Bryophyta.
20. What is binomial nomenclature system? Who proposed this?  
List four conventions that are followed while writing the scientific names?

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