

Chapter- 3

Worksheet-3

1. Basic smallest unit of classification is_____.
2. Prokaryotes are grouped in Kingdom_____.
3. Pteridophyta do not have
 - (a) root
 - (b) stem
 - (c) flowers
 - (d) leaves
4. Choose the option that best describes the characteristics of the kingdom to which the mushroom belongs:
 - (a) Unicellular prokaryotic organisms
 - (b) Saprophytic, eukaryotic, multicellular organisms
 - (c) Unicellular eukaryotic organisms
 - (d) Autotrophic eukaryotic organisms
5. Two-chambered heart occurs in
 - (a) crocodiles
 - (b) fish
 - (c) aves
 - (d) amphibians
6. One of the following is not an Annelid.
 - (a) Nereis
 - (b) Earthworm

- (c) Leech
- (d) Urchins

7. Which of the following statement is incorrect?

- (a) Aves are warm blooded, egg laying and have four four-chambered heart.
- (b) Aves have feather covered body, fore limbs are modified as wing and breathe through lungs.
- (c) Most of the mammals are viviparous.
- (d) Fishes, amphibians and reptiles are viviparous.

8. Metamerism is characteristic feature of

- (a) Chordata
- (b) Annelida
- (c) Mollusca
- (d) Nematoda

9. Which is not an aquatic animal?

- (a) Hydra
- (b) Jellyfish
- (c) Corals
- (d) Filaria

10. Assertion (A): Gymnosperm are divided into monocots and dicots based on the number of cotyledons.

Reason (R): Cotyledons are also called seed leaves.

(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. Name the cytoplasmic extension used by Amoeba for locomotion?
12. What is species?
13. Name an egg laying mammal.
14. Which organisms are called primitive and how are they different from the so-called advanced organisms?
15. To which kingdom does the following organisms belong?
 - a. Tapeworm
 - b. Starfish
 - c. Jellyfish
 - d. Octopus
16. Bat can fly still it is placed in mammals? Why?

17. How do poriferan animal differ from coelenterate animals?
18. Homo sapiens is the scientific name of human beings? What do these two terms imply?
19. On what basis is kingdom plantae divided?
20. Write the important features of phylum Aschelminthes (Nematoda).