

SENIOR SECTION
DEPARTMENT OF BIOLOGY
CLASS IX
CH-7 DIVERSITY IN LIVING ORGANISMS(ANIMALS)
WORKSHEET –II

ONE MARK QUESTIONS

1. In which kingdom you will place an organism which is multicellular eukaryotic heterotrophs which lack chlorophyll and has ingestive mode of nutrition.
2. Name the phylum to which prawn, scorpion, spider, butterfly and housefly are included.
3. In which group of Animalia, canal system and hard outside skeleton are present?
4. Define haemocoel.
5. Give two examples of egg laying mammals.

TWO MARKS QUESTIONS

6. How do poriferan animals differ from coelenterates?
7. Enlist four features of Annelida.
8. List two very peculiar characteristics of protochordata.
9. Enumerate the identifying features of all chordates.
10. Differentiate between platyhelminthes and aschelminthes on the basis of body shape, coelom, gut and sexuality.

THREE MARKS QUESTIONS

11. Enlist any three characteristic features of the class pisces and amphibia.
12. Define the terms diploblastic, triploblastic, bilateral symmetry, coelom, pseudocoel, unisexual.
13. Give three flight adaptations in the birds.
14. If you are given chiton, antedon, octopus, leech, starfish, sea urchin and nereis will you classify them in one group? Yes or No. Explain.
15. Write down the conventions followed while writing the scientific names.

FIVE MARKS QUESTIONS

16. Identify the animal group having:
 - a) Body is spiny and a peculiar water driven tube system for locomotion.
 - b) Soft bodied animals supported by calcareous shell.
 - c) Diploblastic animals with stinging cells.
 - d) Organisms with dorsiventrally flattened body and triploblastic.
 - e) Three pairs of jointed legs and body divided into head, thorax and abdomen.
 17. Why do we keep snake and turtle in the same class?
 18. A group of children from ISM went for a field trip, and were playing on a heap of sand. Hisham collected some shelled creatures from the sand. Being taught lesson on diversity in school, he identified them as snail. Immediately the group joined him in identifying the phylum to which it belonged by pointing out the external features.
 - a) Name the phylum to which snail belongs.
 - b) Write two characteristic features of the phylum.
 - c) What positive attitude towards learning is shown by the students?
-

ADDITIONAL QUESTIONS

1 Name the phylum for the following:

a) Silver fish: _____

c) Star fish : _____

e) Hydra: _____

g) Flat worms: _____

b) Jelly fish: _____

d) Sea cucumber: _____

f) Sycon: _____

h) Round worms: _____

2 Identify these organisms as Acoelomates, Pseudocoelomates, Coelomates: Spongilla, Wuchereria, Earth worm, Fishes, Planaria, Nereis, Sea anemone, Ascaris, Liverfluke, Scorpion, Birds, Horse.

a) Acoelomates: _____

b) Pseudocoelomates: _____

c) Coelomates: _____

3 List two differences between :

BONY FISH	CARTILAGENOUS FISH
MAMMALS	BIRDS

4 What is binomial nomenclature? Who proposed it?

5 Divya is having a beautiful pet dog 'Ginger'. One day, she observed a small insect between his toes. She removed it carefully from the toe and observed it curiously as chapter titled 'Diversity In Living Organisms' was being taught in the school.

a) Identify the phylum to which the insect belong to. _____

b) Enlist any two characteristic features of this phylum.

c) Comment on Divya's behavior.
