

ODM PUBLIC SCHOOL, BHUBANESWAR



HOLIDAY HOMEWORK

CLASS: VII

SUBJECT: BIOLOGY

Topic: Plant Tissues

[1M]

- 1) What is meant by protoplasm.
- 2) Define tissue
- 3) Name the tissue which is also called the secondary meristem
- 4) Name the tissue which contains Chlorophyll.

[2M]

- 5) Differentiate between temporary and permanent tissues with an example of each.
- 6) Define meristem tissue .give its type ,location and functions.

[3M]

- 7) Distinguish between parenchyma ,collenchyma and sclerenchyma
- 8) Differentiate between the two complex permanent tissues with suitable diagram

Topic - Animal tissues

[3M]

- 1) Differentiate between the types of muscular tissues with respect to their location , functions and structure.
- 2) Describe the types of epithelial tissues on the basis of their location and function.

[5M]

3. Draw a neat and well labeled diagram of a neuron. Describe it's part .
- 4) What is blood ? Give its components and their functions .
- 5) Name the tissues :
 - A) that protects the internal parts of the animal body .
 - B) that is responsible for movement in animal body .

- C) that is also called soft bone .
- D) that helps in sending signal to the brain .
- E) that transports materials across various body parts.

6. Differentiate between :

- A) tendon and ligaments
- B) bone and cartilage
- C) blood and lymph
- D) voluntary and involuntary muscle .
- E) simple and stratified epithelium .

Topic - Classification of animal kingdom

[5M]

1) Define the terms :

- A) coelom
- B) notochord
- C) ectoderm
- D) ovipary
- E) open circulatory system

2) Differentiate between :

- A) radial and bilateral symmetry

- B) arthropoda and mollusca

3) Differentiate between :

- C) porifera and coelentrata
- D) flatworms and roundworms .

4. Give two examples. Of each

- A) porifera
- B) coelentrata
- C. Pisces
- D. Aves

E. Mammals

[2M]

- 5.What do you mean by exoskeleton ? Give an example of it .
6. List four characteristics of reptiles .
7. How are the bones of birds different from others ?
8. Name the different classes of arthropoda with an example of each
9. Fill in the blanks

A) the excretory organs of annelida are _____

B) _____ is formed due to mesoderm .

C_____ are those animals which do not possess vertebral columns.

D fish respire through _____

E . Amphibians respire through _____.

F. Reptiles have _____ chambered heart .

G. The shell of mollusca is made up of _____

Topic - classification of animal kingdom [LONG ANSWER TYPE-5M]

- 1.differentiate between phylum and arthropoda and Annelida .
2. Give the general features of phylum mollusca .
3. Compare the general features of flatworms and roundworms .
4. Describe any 5 criteria for classifying the animals into various categories .