

BIOLOGY WORK SHEET FOR SA1. – CLASS : IX

ONE MARK QUESTIONS

- 1Q How does carbon dioxide or oxygen move across the cell membrane?
- 2Q Name the cell organelle which is known as packaging and dispatching unit of the cell?
- 3Q Name the two organelles in a plant cell that contain their own genetic material.
- 4Q Name the tissue which is present at the growing tips of stem and roots.
- 5Q Name the tissue which forms the lining of kidney tubules and ducts of salivary glands.
- 6Q Which tissue is responsible for movement in our body?
- 7Q Name the fibrous tissue with great strength but limited flexibility.
- 8Q Name four macro nutrients important for plants.
- 9Q What is green revolution?
- 10Q Name two fodder crops:

TWO MARK QUESTIONS

- 1Q How does fluid connective tissue differ from other connective tissues?
- 2Q Write two differences between meristematic and permanent tissues?
- 3Q What is the difference between parenchymatous tissue and collenchymatous tissue?
- 4Q The “ use of manure is better than the use of fertilizers”. Mention any two points in support of this statement.
- 5Q Differentiate between manures and fertilizers.
- 6Q Why is the plasma membrane called a selectively permeable membrane?
- 7Q Differentiate between Diffusion and Osmosis

- 8Q Define Plasmolysis. How does it occur?
9Q Draw a diagram of plant cell and label it.
10Q Why Lysosomes are known as Suicidal bags of cell give reason.

THREE MARK QUESTIONS

- 1Q Do you agree that “ A cell is a building unit of an organism”. If yes, explain why?
2Q Write the structural and functional difference between plasma membrane and cell wall.
3Q Animals of colder regions and fish of cold water have thicker layer of subcutaneous fat. Why?
4Q Differentiate between Voluntary and Involuntary muscles. Give one example for each type.
5Q Write one function each of the following.
 A) Adipose tissue B) Sclerenchyma c) Cell wall
6Q Discuss the role of hybridization in crop improvement.
7Q Name any three factors for which crop variety improvement is done and explain?
8Q Define the following:
 A) Mixed Cropping B) Inter Cropping C) Crop rotation
9Q i) How does cork act as a protective tissues?
 ii) Draw a labeled diagram of a neuron.
10Q Define “Composite fish culture “. Differentiate between capture fishing and Culture fishing.

BIOLOGY WORK SHEET FOR FA2. – CLASS : IX

ONE MARK QUESTIONS

- 1Q Which structure protects the plant body against the invasion of parasites?
- 2Q Name the fibrous tissue with great strength but limited flexibility.
- 3Q Name the chief mechanical supporting tissues which helps in bending process in plants.
- 4Q Name the enucleate thin walled plant cells with perforated end walls.
- 5Q Name the tissues which make up the husk of coconut.
- 6Q What do you mean by Aerenchyma?

TWO MARK QUESTIONS

- 1Q How many types of elements are present in phloem?
- 2Q Write one point of difference between the following.
(a) Xylem and phloem (b) collenchyma and sclerenchyma.
- 3Q Write one function each of parenchyma and collenchymas .
- 4Q List the characteristics of cork
- 5Q What would happen if the xylem of root of a plant is blocked?
- 6Q What is permanent tissue? give its types
- 7Q How are simple tissue different from complex tissues in plants .

THREE MARK QUESTIONS

- 1Q Write the differences between parenchyma and sclerenchyma.
- 2Q How does the cork act as a protective tissue?
- 3Q Why xylem and phloem are called complex tissues?
How are they different from one other?
- 4Q Draw a labeled diagram of collenchymas tissue.
- 5Q Give reason for ,
 - 1. It is difficult to pull out the husk of a coconut tree

2. Branches of a tree move and bend in high wind velocity.