

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
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- 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.