

INTERNATIONAL INDIAN SCHOOL, RIYADH
BIOLOGY WORKSHEET

CLASS: IX SA 1 PORTION CHAPTER 6 TISSUES

Answer the following questions:

1. What are the dividing cells at the tip of root and stem known as?
2. What are stomata?
3. Name the connective tissue which is found between skin and muscles.
4. What are vascular bundles?
5. Why are smooth muscles called as visceral muscles?
6. What are blood platelets?
7. Name the tissue which allows aquatic plants to float.
8. Why vessels and tracheids have tubular structures?
9. What are the four components of xylem?
10. Name the tissue which provides flexibility to plants.
11. Name the meristem which is responsible for the increase of girth of root.
12. What is the difference between collenchymas and sclerenchyma?
13. What happens when dried raisins are kept in water for a few hours?
14. Why is blood considered to be a connective tissue?
15. Differentiate between chlorenchyma and Acrenchyma.
16. Name the liquid matrix of blood. What does it contain?
17. What is lymph? What are its functions?
18. Name the fat storing tissue in our body.
19. How muscles are able to contract and relax to bring about movements.
20. What is lignin? Where is it present.

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CLASS: IX SA 1 PORTION LESSON : 15 IMPROVEMENT IN FOOD RESOURCES

Answer the following questions:

1. How do plants get nutrients?
2. What are the desirable agronomic characteristics for crop improvement?
3. Why should preventive measures and biological controls methods be preferred for protecting crops?
4. What factors are responsible for losses of grains during storage?
5. Mention two advantages of animal husbandry.
6. What are Kharif and Rabi crops?
7. State one importance of photoperiod in agriculture
8. What is mariculture?
9. What is vermicompost?
10. What is crop rotation?
11. List two desirable traits for fodder crops?
12. What is the advantage of green manure?
13. Why there is a need for varietal improvement?
14. Define hybridization.
15. Define green revolution and white revolution.
16. What is animal husbandry? Differentiate between Milch and draught animals.
17. Distinguish between Apiculture and Aquaculture.
18. How does the deficiency of nutrients affect the growth of plants?
19. Why should weeds be constantly removed from cultivated fields?
20. Define manures. What are its three different kinds?

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CLASS: IX SA 1 PORTION LESSON: 5 THE FUNDAMENTAL UNIT OF LIFE

Answer the following questions:

1. Who discovered the cell?
2. What is cork?
3. Name the smallest and largest known cell.
4. Who discovered the nucleus of a cell?
5. What is the 'Power house' of a cell and why it is called so?
6. Name the longest cell of human body.
7. Which cell organelle is known as suicidal bags?
8. What does ATP stands for?
9. Where are the genes located?
10. Define osmosis and exosmosis
11. What is a nucleoid?
12. What is endocytosis?
13. Name the plastid which stores starch, oil and protein granules.
14. What is DNA? Where is it found?
15. Name the processes by which CO₂ and water moves in and out of the cells.
16. What is membrane biogenesis?
17. What are chromoplast?
18. In what aspects, vacuoles in plant cells differ from those in the animal cells?
19. Name the three functional regions of the cell.