

CELL – STRUCTURE AND FUNCTIONS

Subtopic: Comparison between Plant and Animal Cells.

Section 1

1 Mark T for True or F for False.

1 a. Chlorophyll is the green pigment in plant cells.

1 b. Vacuoles in animal cells are larger than in plant cells.

2 Choose the correct answer.

Which of the following statements are true?

- a) There is a cell wall surrounding the animal cells.
- b) Chloroplasts provide green colour to the leaves.
- c) Both a and b.
- d) None of the above.

Section 2

3 Fill in the blanks.

Green plastids are also called as _____.

4 Write 'Present' or 'Absent' in the plant and animal cells respectively.

| S.No. | Part | Plant Cell | Animal Cell |
|-------|------------------|------------|-------------|
| 4 a. | Cell membrane | | |
| 4 b. | Cell wall | | |
| 4 c. | Nucleus | | |
| 4 d. | Nucleus membrane | | |
| 4 e. | Cytoplasm | | |
| 4 f. | Plastids | | |
| 4 g. | Vacuole | | |

Section 3

Answer the questions in brief.

5. Explain why chloroplasts are found only in plant cells?

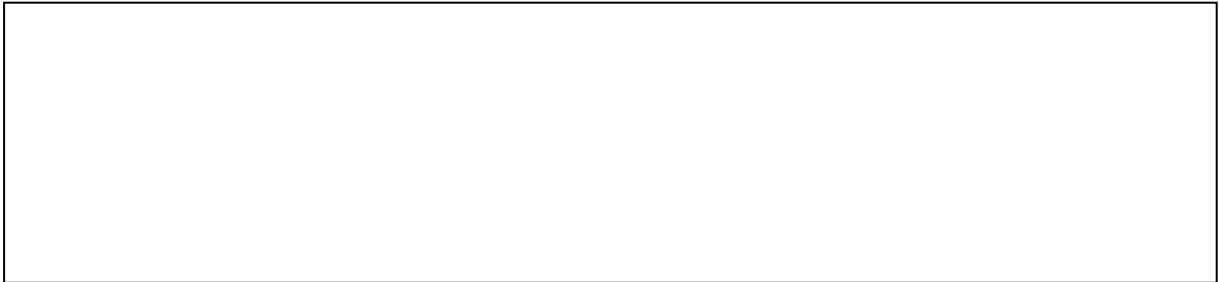
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6. Define Plastids and chloroplasts.

7. Write any three differences between plant and animal cells.

8. Draw sketches of plant and animal cells. Label them appropriately.



Section 4

Answer the questions in detail.

9. Explain about the plant cell in detail with a neat diagram.

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