



Octahedral classes, kharadi

2nd floor, yashwant plaza, near bank of India,

Class 08 - Science

Cell structure and function

Maximum Marks: 45

Time Allowed: 1 hour and 30 minutes

Section A

1. Match the following:

2

Column A	Column B
a. basic structural unit	i. pseudopodia
b. more than one called organisms	ii. unicellular
c. single called organisms	iii. cells
d. false feet	iv. multicellular

2. Fill in the blanks:

2

i) White blood cell is_____cell.

ii) The smallest cell is 0.1 to 0.5 micrometre in_____.

iii) The largest cell measuring 170 mm ×130 mm, is the egg of an_____.

3. Write the functions of cell wall.

2

4. Cells are the building blocks of the life. Explain.

2

5. What are the functions performed by single cell organisms?

2

6. State two differences between plant cell and animal cell on the basis of size and shape.

3

7. What is the function of cytoplasm?

3

8. Write the short notes on the Nucleus of a cell.

3

9. State the difference between eukaryotes and prokaryotes.

3

10. What is the role of nucleus?

3

11. What are unicellular organisms? Name any two unicellular organisms. How do they function?

4

12. Who discovered cell? How?

4

13. Explain the structure of nucleus?

4

14. Write the functions of

4

a. Vacuole

- b. Plastids
- c. Chloroplasts
- d. Chromosomes

15. Give an experiment to show that cell wall is absent in animal cells.

4