

Chapter: 10

Q.1 Fill in the blank and rewrite the completed statements

4

- 1 is the secretory organ of the cell.
- 2 The fluid between plasma membrane and nucleus is called
- 3 The process to excrete waste materials out of the cell is called
- 4 is an elastic and strong coat around cell membrane.

Q.2 Match the pair (Any Three)

3

- 1 Who gives me the colour? (Select the correct option)

Column 'A'	Column 'B'
(i) Carrot	(a) Chlorophyll
(ii) Violet	(b) Carotene
	(c) Anthocyanin

- 2 Who gives me the colour? (Select the correct option)

Column 'A'	Column 'B'
(i) Nucleus	(a) power house of the cell
(ii) Endoplasmic reticulum	(b) Controlling centre
	(c) Pipelines of the cell

- 3 Who gives me the colour? (Select the correct option)

Column 'A'	Column 'B'
(i) Golgi complex	(a) power house of the cell
(ii) Lysosomes	(b) Packing department
	(c) Suicidal bags

- 4 Who gives me the colour? (Select the correct option)

Column 'A'	Column 'B'
(i) Mitochondria	(a) Pipelines of the cell
(ii) Endoplasmic reticulum	(b) Controlling centre
	(c) Power house of the cell

Q.3 Write Short Notes (Any Three)

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- 1 What is plasmolysis?
- 2 Mitochondria
- 3 Endoplasmic Reticulum (ER)

- 4 Write a short note on chloroplasts.

Q.4 Answer the following (Any Two)

4

- 1 What are plastids? Name the types of plastids.
- 2 Name the four components of the cell.
- 3 Sahu was about to sprinkle some salt on salad for dressing well before the guest can get ready for dinner. His mother stopped him from doing so.
 - i. What would happen if salt was sprinkled on the salad?
 - ii. Which property would have been observed in this case?

Q.5 Answer the following (Any One)

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- 1 Explain the structure and function of nucleus.
- 2 Name and describe two processes that do not consume cellular energy for movement of substances.

