





7. Match List-I with List-II and select the correct answer using the code given below the Lists:

List–I (Cell Organelle) List-II (Function)

- A. Mitochondria
- 1. Photosynthesis
- B. Chloroplast
- 2. Protein synthesis
- C. Ribosomes
- Intracellular digestion
- D. Lysosomes
- 4. ATP formation

## Code:

- (a) A B C D 3 1 2 4
- (b) A B C D
  3 2 1 4
- (c) A B C D 4 1 2 3
- (d) A B C D 4 2 1 3



- 2. Lysosome is formed from which of the following cell organelles?
  - (a) Nucleus
  - (b) Endoplasmic reticulum
  - (c) Golgi bodies
  - (d) Ribosomes

- 29. Which one of the following cell organelles contains DNA?
  - (a) Golgi apparatus
  - (b) Mitochondrion
  - (c) Lysosome
  - (d) Endoplasmic reticulum



116. Which one of the following statements is correct about the cell membrane?

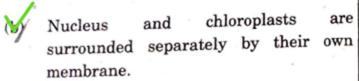
- (a) It is made up of cellulose.
- (b) It is a permeable structure for all substances.
- It is flexible and enables the cell to engulf many materials.
- (d) It does not allow diffusion of gases like oxygen and carbon dioxide.



## In plant cells

Nucleus does not need a membrane but chloroplasts are surrounded by their own membrane.

are



- Nucleus is surrounded by membrane but chloroplasts do not need membrane.
- Both nucleus and chloroplasts are not surrounded by any membrane.



- 18. Which one of the following statements about starch and glycogen is correct?
  - Both starch and glycogen are found in plant cells.
  - (b) Both starch and glycogen are found in animal cells.
  - Starch is present in plant cells and glycogen is present in animal cells.
  - (d) Both starch and glycogen are present in plant cells as well as animal cells.



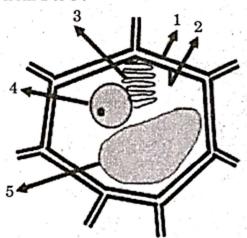
101. In plant cells, RNA is present in

(a) cytoplasm only

(b) nuclei and cytoplasm only

(c) nuclei, cytoplasm, mitochondria, chloroplast and endoplasmic reticulum

nuclei, cytoplasm, mitochondria, chloroplast and ribosomes 14. In the following simplified diagram of a plant cell, five parts/organelles are marked from 1 to 5:



Which one of the following correctly represents the above parts/organelles?

(a) 1 - cell membrane; 2 - cell wall;

3 - vacuole; 4 - endoplasmic reticulum;

5 - nucleus

(b) 1 - cell wall; 2 - cell membrane;

3 - endoplasmic reticulum; 4 - vacuole;

5 - nucleus

(c) 1 - cell wall; 2 - cell membrane;

3 - endoplasmic reticulum; 4 - nucleus;

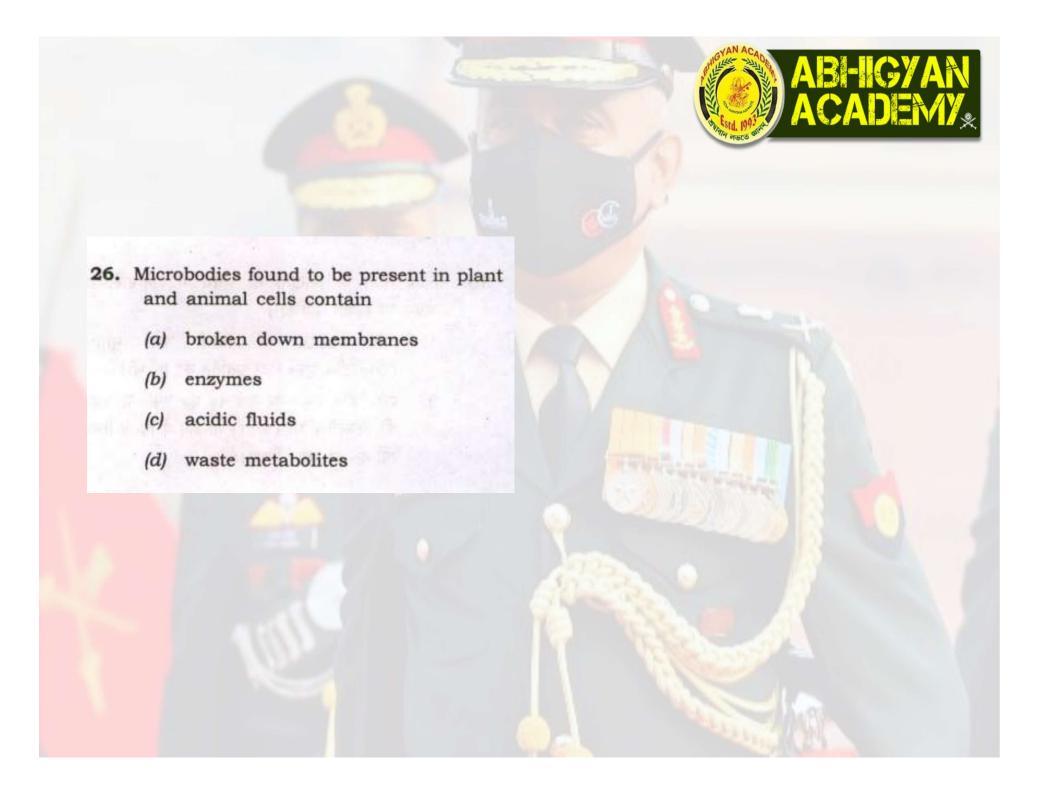
5 - vacuole

(d) 1 - cell wall; 2 - cell membrane;

3 - vacuole; 4 - endoplasmic reticulum;

5 - nucleus







- 85. Which one of the following cell organelles is known as 'suicide bags' of a cell?
  - (a) Lysosomes
  - (b) Plastids
  - (c) Endoplasmic reticulum
  - (d) Mitochondria



119. Which one of the following is not found in animal cells?

- (a) Free ribosomes
- (b) Mitochondria
- (c) Nucleolus
- (d) Cell wall



79. Chlorophyll in photosynthetic prokaryotic bacteria is associated with

- (a) plastids
- (b) membranous vesicles
- (c) nucleoids
- (d) chromosomes

