

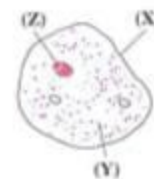
● A cell has the following molecules and structures: enzymes, DNA, plasma membrane, and mitochondria. It could be a cell from.....

- a. a bacterium
 b. an animal, but not a plant
 c. a plant, but not an animal
 d. a plant or an animal

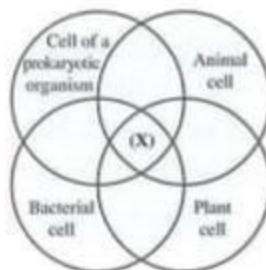
● Which of the following is correct according to structures (X), (Y) and (Z) that are found in the plant cell?.....

	(X)	(Y)	(Z)
a. <input type="radio"/>	✓	✓	✓
b. <input type="radio"/>	✗	✗	✓
c. <input type="radio"/>	✓	✓	✗
d. <input type="radio"/>	✗	✓	✗

✓	Present
✗	Absent



● The opposite diagram illustrates four different cells.



What is the structure that is represented by symbol (X)?.....

- a. Cell membrane
 b. Cell wall
 c. Chloroplast
 d. Nuclear membrane

● The figure in front of you illustrates an animal cell, study it, then answer.

1. Which of the following structures whose number decreases in the plant cell?.....

- a. (1)
 b. (4)
 c. (2)
 d. (5)

2. Which of the following structures consists of a group of membranes?.....

- a. (1)
 b. (2)
 c. (3)
 d. (4)

3. Which of the following structures controls the living cell activities?.....

- a. (1)
 b. (2)
 c. (3)
 d. (5)



● The following figure represents a bacterial cell that lives in liquid media as water and milk, using the flagella illustrated in the figure for movement.

Study it, then answer :

1. What is the function of structure (A)?.....

- a. It acts on supporting the bacterial cell
 b. It allows the passage of water and dissolved substances through it easily
 c. It regulates the passage of substances from and to the cell
 d. It is found in the bacterial and plant cells only

2. What is the function of structure (B)?.....

- a. It acts on supporting the bacterial cell
 b. It allows the passage of water and doesn't allow the passage of dissolved substances through it
 c. It regulates the passage of substances from and to the cell
 d. It exists in all the living cells

