

# Textbook questions Homework 2

**Instructions for students:** Follow your teacher's instruction. Also you can attempt this test online and see your result.



[Solve online](#)

## 1. Choose the appropriate answer II (2 m.)

1. Which one of the following is not an unicellular organism?

- A) Bacteria
- B) Amoeba
- C) Yeast
- D) Spirogyra

2. Most organelles in a eukaryotic cell are found in the

- A) Nucleus
- B) Cell wall
- C) Cytoplasm
- D) Vacuole



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## 2. True or False. If False, give the correct answer II (3 m.)

1. The organelles of both plants and animals are made up of cells.

- A) False
  - B) True
- A) The organelles of both plants and animals are made up of cells.  
B) The organelles of animals are only made up of cells.

2. New cells are produced from existing cells.

- A) False
  - B) True
- A) New cells are produced from existing cells.  
B) New cells are not produced from existing cells.



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## 3. Give very short answer I (3 m.)

**Who discovered the cell in 1665?**

a. The cell was discovered in .

- A) 1665
- B) 1775

b. Which of the following English scientists was the first to discover the cell?

- A) Robert Hooke
- B) Robert Brown



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c. Where was the cell first discovered when kept under the microscope?

- A) From honey comb
- B) From cork slices

**4. Fill in the blanks I (3 m.)**

1. The instrument used to observe the cell is \_\_\_\_\_ .
2. I control the food production of a cell. Who am I ? \_\_\_\_\_ .
3. I am like a policeman. Who am I? \_\_\_\_\_ .



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**5. Match the following (5 m.)**

Column A	Column B
Control center	.....
Food producer (Plant cell)	.....
Gate of the nucleus	
Gate of the cell	.....
Energy producer	.....

- A) Nuclear membrane
- B) Mitochondria
- C) Cell membrane
- D) Chloroplasts
- E) Nucleus



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**6. Give very short answers II (3 m.)**

**1. What type of cells do we have?**

We have .

- A) Prokaryotic cells
- B) Eukaryotic cells

**2. What are the essential components of a cell?**

a. The organism of a typical cell consists of      major parts.

- A) Three
- B) Four

b. The essential components of a cell are

- A) An inner cell membrane, A outer cytoplasm, cell wall and a nucleus
- B) An outer cell membrane, A liquid cytoplasm and a nucleus



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