



Semester
First
2023\2024

Lesson two
Brief History of
the Cell

Unit One

Class
Sixth

Subject
Science



Question 1

Choose the correct answer from the following options:

1- Scientists useto observe some too small things

A- Mirrors B- microscope C- camera D- lens

2- The nucleus of a cell was discovered through observation of numerous

A- plant cells B- animal cells C- muscle Cells D- blood Cells

3- Look at the slide through the

A- stage clips B- stage C- objective lens D- eyepiece

4- You can change the magnifying power by changing the.....

A- stage B- stage clips. C- objective lens D- eyepiece

5- If the microscope wasn't invented. Scientists would not be able to discover the cell and its structure.

A- True B- False

6- Living organisms are classified according to the number of cells into

A- True B- False

7-..... He was the first person to use the word "cell".

A- Einstein B- Abraham Bell C- Robert Hooke

8- Unicellular organisms are organisms made up of.....:

A- only one cell B- more than one cell

9- A human has aboutcells.

A- 40 trillion B- 400 trillion. C- 40 Million D- 450 trillion

10-A group of similar cells that share a common origin and perform the same function.

A- System B- Organ C- Tissue D- Cell

11- Cell works together to form.....

A- System B- Organ C- Tissue

12 -A group of tissues involved in performing a particular function.

A- Entire organism B- System C- Organ D- Cell

13- Lung, eye, stomach are considered as

A- Organ B- System C- Tissue D- Entire organism





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14-It surrounds the plant cell from outside.

A- Cytoplasm B- Nucleus C- Plasma Membrane D- Cell wall

15-..... It is located inside the membrane.

A- Cytoplasm B- Nucleus C- Plasma Membrane D- Cell wall

16-It surrounds the cell

A- Cytoplasm B- Nucleus C- Plasma Membrane D- Cell wall

17-It's a structure within the cell that has a special function.

A- Nucleus B- Organelle C- Organ D- System

18- The function of the cell wall.....

A- gives the cell a definite shape. B- protects the cell C- control center for the organelles. D- supports the organelles.

19- Most cells have cytoplasm, a cell membrane, a nucleus, and mitochondria

A- True B- False

20-It is the gelatinous liquid inside the cells in which other cell parts float.

A- Cell wall B- Nucleus C- Organelle D- Cytoplasm

21-They are powerhouses that supply the cell with energy.

A- Mitochondria B- Nucleus C- Organelle D- Cytoplasm

22- Cellular respiration It's a process of usinggas to get chemical energy from food.

A- Hydrogen B- Nitrogen C- Carbon Dioxide D- oxygen

23-..... It is responsible for controlling cell activities

A- Organelle B- Mitochondria C- Nucleus D- Cytoplasm

24- Different cells have different structures.

A- True B- False

25- They are organisms that have no more than one cell.

A- True B- False





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Question 2 Choose from the column (A) the appropriate number from the column (B):

Column (A)		Column (B)	
Nucleus	...	1	It is the outer lining of the cell.
humans	...	2	It is the control center for the organelles.
Nucleus	...	3	Complex organisms
Cell Membrane	...	4	It is the control center for the organelles..

Question 3 Give a reason

- Cell Membrane is said to be "selectively permeable."

Question 4 Write the Steps of using the microscope





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Nucleus	..2 ...	3	Complex organisms
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Question 3 Give a reason

- Cell Membrane is said to be "selectively permeable."

Because some substances can pass through it, while others cannot.

Question 4 Write the Steps of using the microscope

- Place the microscope slide on the stage and secure it with the stage clips.
- Pick up the lowest-power objective lens.
- Look at the slide through the eyepiece while adjusting the focusing knobs to get more clear view of the specimen.
- Clean up the slide and store the microscope safely when you are finished.

