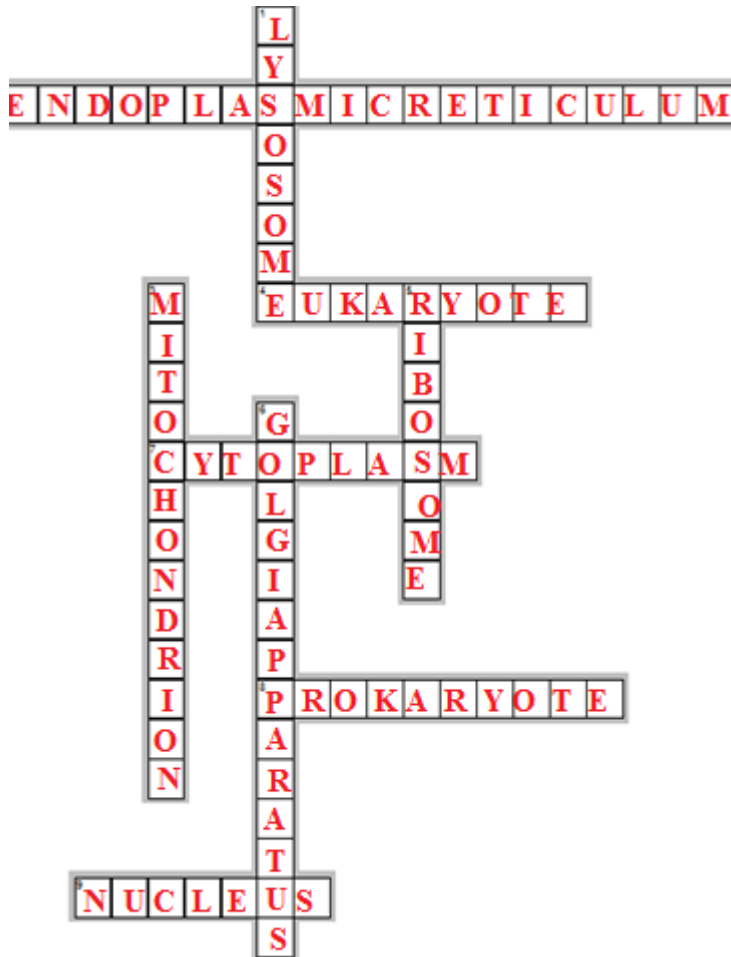


Unit 1: Introduction to tissues

Lesson 4: Test - Key

1. Crossword. Read the across and down definitions and fill in the crossword



Across

2. Internal membrane system in cells in which lipid or proteins are made
4. Organism whose cells contain nuclei
7. Material inside the cell membrane-not including the nucleus, that contains water, ions, molecules, etc
8. Unicellular organism lacking a nucleus
9. In cells, structure that contains the cell's genetic material (DNA) and controls the cell's activities

Down

1. Cell organelles filled with enzymes needed to break down certain materials in the cell
3. Cell organelle that converts the chemical energy stored in food into ATP
5. Small particle in the cell on which proteins synthesis takes place. It consists of RNA and protein
6. Stack of membranes in the cell that modifies, sorts, and packages proteins

2. Write True (T) or False (F). Correct the false statements

- a) The immune system acts as a barrier to protect the body from the outside world F
Protects against diseases
- b) Integumentary protects against diseases F
Acts as a barrier to protect the body from the outside world
- c) Circulatory transports nutrients, gases, hormones etc, throughout the body. It removes waste products. T
- d) Digestive produces and secretes hormones F
Breaks down food into smallest pieces and absorbs the nutrients
- e) Skeletal system supports and protects the organs beneath it T
- f) Muscular produces the offspring F
Is responsible for the movement of the body.
- g) Nervous responds to stimuli T

Unit 1- Lesson 4: Test - Key

3. Multiple choice

- A) Stage controls
 a) It is used to hold a slide in place on the stage **b) move the slide left or right, up and down**
 c) Allows you to view the image
- B) Base
 a) Moves the slide left or right, up and down b) Small glass plate on which specimen are paced for viewing **c) The bottom part of the microscope**
- C) Coarse adjustment knob
 a) Small glass plate on which specimen are paced for viewing b) These knobs move the slide left or right, up and down **c) Moves the stage up and down**
- D) Nosepiece
 a) Part of the microscope that supports the slide **b) Holds the objective lenses**
 c) Holds the objective lenses.
- E) Cover slip
 a) Holds the objective lenses b) This is used to hold a slide in place on the stage **c) Small piece that is used on a slide**

4. Answer these questions

- A) What are the difference between prokaryotic and eukaryotic cells
Prokaryotic cells are simple, single-celled organisms that lack a nucleus and membrane-bound organelles. Unlike prokaryotic, eukaryotic cells are more complex and are found in plants and animals. They have a lot of membrane- bound organelles (little organs) that float in the cytoplasm. They have nucleus that contains the genetic material which controls all the cell activities
- B) Explain the levels of human body organization
Atoms- molecule- macromolecule- cell- tissue- organ- organ system- organism
- C) Choose 5 systems of the human body and write at least 3 organs belonging to each of them

Assessment

Exercise		Max pt
1 (Crossword)	1 pt each definition	9
2 (True and False)	1 pt each True 2 pt each False	11
3 (Multiple choice)	1.5 pt each	7.5
4 (Questions)		
4A	10 pt	10
4B	5 pt	5
4C	1.5 pt each system with its corresponding organ (extra 0.25 for each extra organ)	7.5

Unit 1- Lesson 4: Test - Key

Max point: 50

Pt	Grade	Pt	Grade	Pt	Grade	Pt	Grade
50	10	49-47	9.5	46-44	9	43-42	8.5
41-39	8	38-37	7.5	36-34	7	33-32	6.5
31-29	6	28-27	5.5	26-22	5	21-17	4.5
17-13	4	12-7	3.5	6-0	3		