

Unit 2: Tissues

Lesson 14: *Final Test*

1: After observing the two slides, for each slide you should do the following:

(write your answers on the given sheet)

- A. Recognize the type of tissue
- B. Describe its characteristics (at least 5 lines)
- C. Explain the functions of the tissue (at least 4 lines)

2. Match each tissue (A-B-C-D) with its proper functions

A. Connective

B. Epithelium

C. Muscle

D. Nervous

- a. ____ permits you to run, grasp, swim
- b. ____ represents the major controlling system of the body
- c. ____ forms membranes
- d. ____ is fundamental for communication
- e. ____ protects and covers
- f. ____ reinforces and supports the body organ
- g. ____ allows limbs to move and permits the movement of all the organs within the body
- h. ____ supports cells

3. Multiple choice

- A) The outer layer of the skin is composed of _____.
- a) transitional epithelium
 - b) pseudostratified columnar epithelium
 - c) stratified squamous epithelium
 - d) stratified columnar epithelium
- B) The main purpose of stratification in epithelial tissue is for increased _____.
- a) protection
 - b) secretion
 - c) absorption
 - d) thickening of the basement membrane
- C) The part of the body that integrates the information it receives from all over the body in order to make decisions is called the _____.
- a) Peripheral nervous system
 - b) sympathetic nervous system
 - c) parasympathetic nervous system
 - d) central nervous system
- D) Parasympathetic stimulation would result in which of the following?
- a) decreased heart rate
 - b) decreased activity of digestive tract
 - c) pupil dilation
 - d) increased blood sugar
 - e) increased heart rate
- E) The adult human body contains _____ muscles
- a) >300
 - b) >600
 - c) >200
 - d) > 500
- F) Repeating contractile units that make up a myofibril are called:
- a) thin filaments
 - b) sarcomeres
 - c) thick filaments
 - d) A bands

G) What is blood clotting made possible by?

- a. Platelets b. Hemoglobin c. Lymphocytes d. Plasma

4) Match the function in the table below with the correct term.

Term	Function
	1. It is the long fiber carrying nervous impulses.
	2. A rapid automatic response to a stimulus.
	3. The structure at the end of an axon producing neurotransmitters which transmit nervous impulse across the synapse.
	4. The branching filaments conducting nerve impulses towards the cell.
	5. The part of the neuron containing the nucleus.
	6. Part of the brain regulating balance, coordination and movement

Assessment

Exercise		Max Point
1A		4 (each slide)
2A	If task 1 A answer is wrong this task will count half point	5 (each slide)
3A	If task 1 A answer is wrong this task will count half point	5 (each slide)
2	Each answer is 1.5 point	12
3	Each answer is 1 point	7
4	Each answer is 0.5 point	3

Max point 50

Point	Grade	Point	Grade	Point	Grade
50	10	49-48	9.5	47-44	9
43-42	8.5	41-39	8	38-37	7.5
36-34	7	33-32	6.5	31-28	6
27-24	5.5	23-20	5	19-15	4.5
14-10	4	9-5	3.5	4-0	3