



5.5.3 Test (TS): Teacher-Scored Unit Test

Biology Sem 2 (S3852519)

Points possible: 50

Test

Max MacCormack

Date: _____

In this test, you will apply what you have learned in the unit. Answer the questions below. Submit this to your teacher when you are done.

1. a) Two neurons are shown below. In the drawing, label an axon, a dendrite, and a nucleus as well as a synapse. (4 points)



b) A bee stings a woman on the arm, and she pulls her arm away instantly. Describe the reflex arc that happened in her body. (4 points)

2. a) What is homeostasis? (2 points)

b) How does the endocrine system maintain homeostasis in the body? (3 points)

c) How does the nervous system help the endocrine system maintain homeostasis in the body? (3 points)

3. Describe the relationship between systems, tissues, organs, and cells. (4 points)

4. Name two functions performed by blood in the human body. (4 points)

5. Describe one way the skeletal system helps the circulatory system function. (4 points)

6. A woman cannot produce several types of lipases and amylases. Name a problem this individual would have and explain why. (4 points)

7. Doctors often count the amount of lymphocytes in a person's blood to see if he or she has certain illnesses. Why would this be a useful test? (4 points)

8. Name one way the male and female endocrine systems are different. (4 points)

9. Why would imbalanced hormone levels cause a male to be unable to reproduce? (4 points)

10. a) Name three things that happen within two weeks of fertilization. (3 points)

b) How do the cells in a blastocyst change as it becomes an embryo? (3 points)

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