

Biology 112 Animal Phyla Take-Home Test

Name: _____

June 2019

Guidelines:

You may use your notes from class and the textbook to help you complete this test. You must complete this test entirely on your own. Answers must be written in complete sentences.

This is not a group assignment, and you cannot consult with other students or look for answers online.

Students collaborating and submitting exactly the same responses to questions will both receive a mark of 0.

Please sign below to acknowledge that you have read and understand the guidelines, and that you are submitting work that is entirely your own.

Signature: _____

DUE DATE: THURSDAY, JUNE 6, 3:15 p.m.

6. How do the three germ layers form, and what does each germ layer give rise to in the adult organism? (value 4)

7. Describe an animal with bilateral symmetry. In your description, use the terms *anterior*, *posterior*, *dorsal*, and *ventral*. (value 4)

8. What is *cephalization*, and what advantages does it provide an animal? (value 2)

9. Describe the circulation of blood through an adult amphibian. Include the chambers of the heart in your description. (value 4)
