### Assignment 10

**Due on:** 2020-11-26, 23:59:59

**Week 10**

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer Code</th>
<th>Points</th>
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| 1. Which of the following ions characterizes(s) of mammalian arteries that necessitate the use of art metal organzations? | 1 | 10 | -
| 2. Name the entities that are involved in the structure of a mammalian artery. | 1 | 10 | -
| 3. Define the process of development referred to as vascularization. | 1 | 10 | -
| 4. Explain the role of the endocardial cushions in the development of the heart. | 1 | 10 | -
| 5. Describe the mechanism by which the heart becomes a four-chambered organ. | 1 | 10 | -
| 6. Discuss the various cell types found in the heart and their functions. | 1 | 10 | -
| 7. Explain the role of the sympathetic nervous system in the regulation of cardiac function. | 1 | 10 | -
| 8. Identify the key features that distinguish the heart from other organs. | 1 | 10 | -
| 9. Differentiate between cardiac and vascular tissue. | 1 | 10 | -
| 10. Evaluate the importance of cardiac function in overall body function. | 1 | 10 | -

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**Week 11**

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| 1. The developing heart secretes fluid leading to the formation of the ventral. | 1 | 10 | -
| 2. The second pharyngeal arch contributes to the development of the | 1 | 10 | -
| 3. Describe the role of the primitive streak in the formation of the embryo. | 1 | 10 | -
| 4. Identify the features that distinguish the neural tube from other embryonic structures. | 1 | 10 | -
| 5. Explain the concept of gastrulation and its significance in early development. | 1 | 10 | -
| 6. Discuss the role of the somites in the development of the nervous system. | 1 | 10 | -
| 7. Describe the process of neurulation and its importance in the formation of neural tube. | 1 | 10 | -
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