**Unit 1, Part 4 Notes Questions – Timing and Coordination**

1. The respiratory system and circulatory system work together to deliver oxygen to the tissues of the body and remove carbon dioxide from the tissues of the body. Gas exchange between the lungs and the blood vessels occurs at the alveoli, small sacs within the lungs that are covered in a network of capillaries (small blood vessels). Explain how an increase in surface area would effect this system.
2. Explain the role of auxin in phototropism.
3. Using the diagram from your notes as an aide, explain how the body responds to changes in body temperature.
4. What is a Fixed Action Pattern? Provide an example.