

## **Senior 4 BIOLOGY WORK: 15/5/2020**

### **TOPIC AREA: TRANSPORT IN PLANTS AND ANIMALS**

1. What is tissue fluid?
2. How is tissue fluid formed?
3. List the substances that diffuse which diffuse from the tissue fluid to the cells
4. Name some of the materials released into the tissue fluid from the cell
5. How is the tissue fluid drained?
6. Describe the forces involved in the movement of water and mineral salts up the stem to the leaves
7. What is transpiration?
8. Explain how various structural features of plants affect the rate of transpiration
9. Define the term translocation and name the tissue concerned with this process.
10. A student fixed dry cobalt chloride paper on the lower surface of a leaf on a terrestrial plant. Explain the observation made after twenty minutes.