

## Unit 8 Circulatory System REVIEW

### MULTIPLE CHOICE (17 marks)

- Know the heart diagram, you will not be asked to directly label it, but you will be asked questions which require you to know the diagram.
- Which blood vessels can withstand high blood pressure?
- Where is blood velocity the slowest?
- Function of lymph nodes
- Foreign substances in circulatory system
- Functions of red blood cells
- Site of origin of red blood cells
- Components of plasma
- What affects the osmotic pressure of blood
- Structure and functions of lymphatic system
  - Vessels
  - Valves
- Be able to identify the location of and the function of each of the following:
  - Coronary artery
  - Pulmonary vein
  - Carotid artery
  - Jugular vein
  - Umbilical arteries
  - Left ventricle
  - Right ventricle
  - Left atrium
  - Right atrium
  - aorta

### LONG ANSWER (4 marks)

1. For the following structures in fetal circulation, describe their location within the fetus and their function in circulation.
  - a. Oval opening
  - b. Venous duct