Topics for the Unit Test

**Circulation**

* parts of the heart
* blood flow through the heart
* 5 types of vessels (arteries, arterioles, capillaries, venuoles, veins)
* Major vessels of the body
* Blood flow through the body – adult circulation
* Fetal circulation
* Blood pressure – systolic, diastolic
* Heart cycle – systole and diastole
* Heart rate – SA node, AV node, purkinje fibers
* Capillary tissue fluid exchange – blood and osmotic pressure
* Blood pressure, blood velocity and surface area of vessels
* Parts of the blood (plasma, red, white blood cells, platelets)
* Antibody-mediated immunity
* Lymphatic System – lymph, nodes, flow of lymph

**Respiration**

* Parts and functions of the system
* Flow of air – in and out
* Inhalation and exhalation
* Internal and external respiration
* Factors that Favour exchange