**ATAR HUMAN BIOLOGY**

**UNIT 1**

**Task 5 – Extended Response**

**Weighting 7.5%**

**Conditions**

Time for the task:

* Part 1: four days to research topic and complete notes. These are to be handed in **prior** to the in-class validation.
* Part 2: one hour for in-class validation – extended response exam style questions **without notes**.

## **Osteoporosis and Osteoarthritis research assignment**

**Part 1: Research notes (7% weighting)**

Osteoporosis and osteoarthritis are both degenerative bone diseases that can cause disability and are usually associated with ageing. Increased understanding of the causes of these conditions has led to improved practices for management and prevention. Research:

* the causes and symptoms of osteoporosis and osteoarthritis
* the effect of osteoporosis and osteoarthritis on bone and/or joint structure
* the medical technologies that are currently available for the treatment of each of these diseases along with any risks or side effects.

The notes should be **no longer** than one page of A4 paper (back and front)

**Part 2: In-class assessment (93% weighting)**

* You will be given specific examination style questions based on the topic you have researched.
* Notes will not be allowed for this task.