**Extended Response 2**

**Musculoskeletal System Total 30 Marks**

Part 2: In-Class Assessment

* You will have 20 minutes to complete this task under exam conditions.
* 5 minutes will be allowed for reading and planning.

1. Osteoporosis and osteoarthritis are both degenerative bone diseases that can be associated with aging.
   1. Distinguish between osteoporosis and osteoarthritis. (2 Marks)
2. Osteoporosis is more common among women than men. In Australia, 5.5% of women compared to 1.2% of men, have osteoporosis.
   1. Describe, in terms of bone structure, how osteoporosis develops and explain why women are more likely to be affected by osteoporosis than men. (10 Marks)
   2. List **three** risk factors for increased likelihood of being affected by osteoporosis and how it is diagnosed in Australia. (4 Marks)
   3. Describe **one** form of treatment and any associated risks or side effects.

(3 Marks)

1. In 2007-08 an estimated 7.6% of all Australians (1.6 Million people) had osteoarthritis.
   1. Describe the common symptoms of osteoarthritis and provide the main causes of osteoarthritis. (4 Marks)
   2. Describe the process of diagnosis for osteoarthritis and the most common treatment. (7Marks)