**TASK 8: Osteoporosis and Osteoarthritis Extended Response**

**Assessment Type: Extended Response Part 2 - VALIDATION**

Students will research Osteoporosis and Osteoarthritis with reference to the cause, effects, technology for treatments and any side effects. One lesson will be given for the research and an In-Class validation given on the research without using their notes

**Instructions:**

* + Carefully follow the instructions provided in the assessment item
  + Draw any graphs or diagrams in pencil.
  + Answer all questions given..
  + No sharing of any equipment or answers.

**Time for the task (1 hour)**

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| **Date:** |
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| \_**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |

* 5 minutes reading time
* 55 minutes working time

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| SECTION | MARKS AVAILABLE | SCORE |
| PART 1 – Research and notes | 5 |  |
| Part 2 - Validation | 30 |  |
| Total | 35 |  |
|  |  | % |

**STUDENT NAME:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

TEACHER: Mrs Cunningham Year: 11

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**TASK 8: OSTEOPOROSIS AND OSTEOARTHRITIS EXTENDED RESPONSE–**

**PART 2 - IN CLASS VALIDATION ASSESSMENT (30 marks)**

Instructions: Write your responses to the questions below on the lined paper provided.

Number each answer clearly.

Ensure your writing is legible, and you have followed the directions for each

question.

1. Osteoporosis and osteoarthritis are both degenerative bone diseases that can be associated with ageing.

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.

a. 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)

b. List three risk factors for increased likelihood of being affected by

osteoporosis and how it is diagnosed in Australia. (4 marks)

c. Describe one form of treatment and any associated risks or side effects. (3 marks)

3. In 2007–08 an estimated 7.6% of all Australians (1.6 million people) had osteoarthritis.

a. Describe the common symptoms of osteoarthritis and provide the main causes of osteoarthritis. (4 marks)

b. Describe the process of diagnosis for osteoarthritis and the most common treatment. (7 marks)

END OF ASSESSMENT

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