**Part 2: In-class assessment**

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

1. Explain what osteoporosis is and discuss which symptoms a doctor could look for to help identify if an individual had the condition. (3 marks)

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1. Although osteoporosis is often associated with old age there are specific causes that can lead to the development of the disease.

Describe two major causes of osteoporosis and explain how they lead to the development of the disease. (4 marks)

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(c) Discuss why people would say that osteoporosis is an elderly lady’s disease. (4 marks)

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(d) There are many different treatments around for people suffering from osteoarthritis. Some involve medical technologies, (i.e. treatment that you need to see a medical professional for), and others can be carried out by the individual themselves involving no medication.

(i) Describe two non-medical methods that can be used by a person suffering from osteoarthritis.

(2 marks)

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(ii) - Name one medical technology, (other than the administration of drugs), that can be used to treat a person suffering from osteoarthritis. (1 mark)

* Discuss how the technology is used and why it is suitable for the treatment of osteoarthritis. (3 marks)
* Describe two risks or side effects that may be associated with the treatment. (2 marks)

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(iii) State why the medical technologies you choose in (ii) would not be suitable for the treatment of osteoporosis. (2 marks)

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