2. (a) State one characteristic of a population that would make a census a practical alternative to sampling.

(1)

A leisure centre has 2500 members.

It asks a sample of 300 members for their opinions on the fees it charges for using the centre.

For the sample,

(b) (i) identify a suitable sampling frame,

(ii) identify a sampling unit.

(2)

The leisure centre has the following pieces of information.

A is the list of the different types of membership that can be paid for by members.

B is the mean of the membership fees paid by **all** 2500 members.

C is the number in the **sample** of 300 members who are satisfied with the fees they pay.

(c) State the piece of information that is a statistic.
Give a reason for your answer.

(1)

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Question 2 continued

(Total for Question 2 is 4 marks)