

You have 20 minutes to complete this quiz. Please answer all questions in the space provided.

1. (*3 points*) In Section 1.2, Barnett briefly examines examples of sample surveys from 8 different subject areas. List 3 of those subject areas.

(i) _____

(ii) _____

(iii) _____

2. (*4 points*) Briefly describe what Barnett means by *destructive testing*. Give a simple example (not necessarily from the text) of destructive testing.

3. (*4 points*) Briefly describe the differences between a *sample survey* and a *census*.

4. (*9 points*) Suppose that the Regina City Council is interested in public opinion about the current strike by public service workers. You have been chosen as the council's statistician and are charged with soliciting public opinion and reporting your findings to council. From this simple scenario, identify the *target population* and the *population characteristic of interest*. State a clearly defined *sampling unit*, and give a possible *sampling frame* or *list* which you might use to conduct a survey from your sampling units. Identify any limitations to your choice of list.