

KING FAHD UNIVERSITY OF PETROLEUM & MINERALS

DEPARTMENT OF MATHEMATICS & STATISTICS

STAT 211.02 Quiz #1

Name: _____ ID #: _____

In a survey of Saudi University students, 100 KFUPM students were asked the following questions:

- i. Nationality
- ii. What internet service provider they use?
- iii. Time in hours spent surfing the internet per week.
- iv. Number of emails received in a week.
- v. How much time is spent on studying?
- vi. How many classes is he taking?
- vii. How many credit hours he is registered for?
- viii. Is he taking any lab courses?
- ix. Family's Income per month
- x. Degree of education of his father (high school, college, graduate)
- xi. Immediate family size.
- xii. Major
- xiii. GPA

a) What is the population of interest?

b) What is the sample?

c) Is this a good sample? Why or why not?

d) In each of the questions above, determine whether the variable is categorical or numerical, if categorical whether it is ordinal or cardinal, if numerical whether it is discrete or continuous.