

King Fahd University of Petroleum & Minerals  
Department of Mathematics & Statistics  
STAT-212-Term111-I

Quiz #2

Name: \_\_\_\_\_ ID: \_\_\_\_\_ Section: \_\_\_\_\_ Serial: \_\_\_\_\_

The computer Anxiety Rating Scale measures an individual's level of computer anxiety, on the scale from 20 (no anxiety) to 100 (highest level of anxiety). Researcher at Miami University administered CARS to 72 business students. One objectives of the study was to determine whether there is a difference between the level of computer anxiety experienced by female students and male students. They found the following

	Males	Females
Sample size	22	50
Sample mean	40.26	36.42
Sample standard deviation	13.35	9.42

- a. At 5% level of significance, is there evidence of difference in the variability of the computer anxiety experienced by males and females?

b. At 5% level of significance, is there evidence of difference in mean computer anxiety for females and males students?