

King Fahd University of Petroleum & Minerals
DEPARTMENT OF CIVIL & ENVIRONMENTAL ENGINEERING
CE 203 STRUCTURAL MECHANICS I (Section 2)
Second Semester 1435 / 2014 (132)

Name: _____
ID #: _____

Quiz # 1

Score _____
10

Rewrite the solution of the problem below from the HW that you just did (without looking at your solution).

The built-up shaft consists of a pipe AB and solid rod BC . The pipe has an inner diameter of 20 mm and outer diameter of 28 mm. The rod has a diameter of 12 mm. Determine the average normal stress at points D and E .

