

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 # 10

Score $\frac{\quad}{10}$

7-6. If the beam is subjected to a shear of $V = 15$ kN, determine the web's shear stress at A and B . Indicate the *Also, draw the shear stress distribution.*

$\bar{y} = 0.1747$ m from the bottom and $I_{NA} = 0.2182(10^{-3})$ m⁴.

$$\tau = \frac{VQ}{Ib}$$

