Academic Year : 2016–2017

Semester : Second

Name: Code:

Quiz (1): (10 Marks)

For the shown cross-section, determine the following:

- (a) The location of the centroid.
- (b) The moments of inertia about the centroidal axes.
- (c) The direction of the principal axes.
- (d) The principal moments of inertia.

Solution:

