

King Fahd University of Petroleum and Minerals  
Department of Mathematics and Statistics  
Math-201 Semester-092 QUIZ III

NAME:

S.No.

ID:

Maximum Marks: 15

Section:01

Time Allowed: 25 minutes

(1) Find the area of a triangle with vertices  $A(0, 0, b)$ ,  $B(1, 1, 0)$  and  $C(2, 3, 0)$ .

(2) Find parametric equations for the line of intersection of planes  $x - 2y + z = 1$  and  $2x + y + z = 1$ .