

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:03

Time Allowed: 25 minutes

(1) Find a vector perpendicular to the plane that passes through the points $P(1,4,6)$, $Q(-2, 5, -1)$ and $R(1, -1, 1)$.

(2) Find an equation of the plane that contains the line $x = y = 3z - 1$ and the point $B(2, 3, 0)$.