Math 201-153   Quiz 3   (A)

Name:..ID#:...............................Sec:............Ser:...........

Q.1: Find equation of a line passing through $(3, -2, 1)$ and perpendicular to the plane

$2x - y + 3z = 5.$

Q.2: Find equation of a plane passing through $(2, 4, 5)$, $(1, 5, 7)$ and $(-1, 6, 8)$.

Q.3: Find equation of the plane passing through $(1, -1, 2)$ and contains the line of intersection of the planes $x - 2y + 4z = 2$ and $x + y - 2z = 5$.