

Math 201-143

Quiz 3

(A)

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

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**Q.1:** Find a line passing through  $(1, 2, -3)$  and  $(2, -1, 4)$ .

**Q.2:** Find equation of a plane passing through  $(1, 2, -3)$ ,  $(-1, 3, 2)$  and  $(2, -1, 4)$ .

**Q.3:** Find line of intersection of the planes  $x + y + z = 1$  and  $x + 2y + 2z = 1$ .