| KFUPM/ Department of Mathematics & Statistics | ID $\#$ | Serial $\#$ |
|---|---------|-------------|
| MATH 260-03/ Quiz 2b/ 132                     | Name    |             |

1. [8pts] Show that the vectors u = (1, 0, 1, 0), v = (1, 1, 1, 0), w = (1, -1, 0, -1) are linearly independent.

2. [8pts] Find the general solution of the DE: 2y'' - y' - 6y = 0