MULTIPLE CHOICE Choose the correct answer from the following choices:		
2-by-1		
1-by-2		
1-by-1		
2-by-2		
$\mathbf{II} \begin{bmatrix} \sqrt{2} & 0 \\ 0 & \sqrt{2} \end{bmatrix}$		
zero		
unit		
scalar		
singular		
iii. Which is order of a square matrix:		
2-by-2		
1-by-2		
2-by-1		
3-by-2		
iv. Order of transpose of $\begin{bmatrix} 2 & 1 \\ 0 & 1 \\ 3 & 2 \end{bmatrix}$ is:		
3-by-2		
2-by-3		
1-by-3		
3-by-1		

v. Adjoint of $\begin{bmatrix} 1 & 2 \\ 0 & -1 \end{bmatrix}$ is:	
$\begin{bmatrix} -1 & -2 \\ 0 & 1 \end{bmatrix}$	
$\begin{bmatrix} 1 & -2 \\ 0 & -1 \end{bmatrix}$	
$\begin{bmatrix} -1 & 2 \\ 0 & -1 \end{bmatrix}$	
$\begin{bmatrix} -1 & 0 \\ 2 & 1 \end{bmatrix}$	
vi. Product of $\begin{bmatrix} x & y \end{bmatrix} \begin{bmatrix} 2 \\ -1 \end{bmatrix}$ is:	
[2x + y]	
[x - 2y]	
[2x - y]	
[x + 2y]	
vii. If $\begin{array}{c} 2 & 6 \\ x & 3 \end{array} = 0$ , then x is equal to:	
9	
-6	
6	
5	