## MULTIPLE CHOICE

Choose the correct answer from the following choices:


| v. Adjoint of $\left[\begin{array}{rr}1 & 2 \\ 0 & -1\end{array}\right]$ is: |  |
| :---: | :---: |
| O $\left[\begin{array}{rr}-1 & -2 \\ 0 & 1\end{array}\right]$ |  |
| $0 \quad\left[\begin{array}{ll} 1 & -2 \\ 0 & -1 \end{array}\right]$ |  |
| $\bigcirc \quad\left[\begin{array}{rr} -1 & 2 \\ 0 & -1 \end{array}\right]$ |  |
| $\bigcirc \quad\left[\begin{array}{cc} -1 & 0 \\ 2 & 1 \end{array}\right]$ |  |
| vi. Product of $\left[\begin{array}{ll}x & y\end{array}\right]\left[\begin{array}{c}2 \\ -1\end{array}\right]$ is: |  |
| $\bigcirc \quad[2 x+y]$ |  |
| $\bigcirc \quad[x-2 y]$ |  |
| $\bigcirc \quad[2 x-y]$ |  |
| $\bigcirc \quad[x+2 y]$ |  |
| vii. If $\left\|\begin{array}{cc}2 & 6 \\ 3 & x\end{array}\right\|=0$, then $\boldsymbol{x}$ is equal to: |  |
| $\bigcirc 9$ |  |
| $\bigcirc-6$ |  |
| $\bigcirc 6$ |  |
| $\bigcirc$-9 |  |

