

Paper Code	6	6	4	1
------------	---	---	---	---

Note: - You have four choices for each objective type question as A, B, C and D. The choice which you think is correct; fill that circle in front of that question number in your answer book. Use marker or pen to fill the circles. Cutting or filling up two or more circles will result no mark.

SECTION-A

Q.1	Questions	A	B	C	D
1.	The ratio between 5 minutes and 35 seconds is:	6:7	7:6	60:7	72:60
2.	200 is 10% of which number?	2000	200	250	2500
3.	The simple interest on Rs:75000 invested for 3 years at 6% per annum is:	135	1350	7500	13500
4.	If $2x + 3y = 5$, then $x - \text{intercept}$ is:	$x = 5$	$x = 2.5$	$y = 5$	$y = 3.5$
5.	If $\frac{2x}{7} + 1 = 0$, then value of x is:	$-\frac{7}{2}$	$-\frac{2}{7}$	$\frac{7}{2}$	$\frac{2}{7}$
6.	The degree of quadratic equation is:	Zero	One	Two	Three
7.	The multiplicative inverse of any square matrix exists if the matrix is:	Singular	Non-singular	Null	Rectangular
8.	If $A = \begin{bmatrix} 2 & 3 \\ 4 & 5 \end{bmatrix}$ then $\text{adj } A = ?$	$\begin{bmatrix} 2 & 3 \\ 4 & 5 \end{bmatrix}$	$\begin{bmatrix} 5 & 3 \\ 4 & 2 \end{bmatrix}$	$\begin{bmatrix} 2 & -3 \\ -4 & 5 \end{bmatrix}$	$\begin{bmatrix} 5 & -3 \\ -4 & 2 \end{bmatrix}$
9.	13 to its equivalent number in binary system is:	$(1101)_2$	$(1011)_2$	$(1110)_2$	$(1100)_2$
10.	The sum of $(111)_2 + (10)_2$ is equal to	$(1101)_2$	$(1001)_2$	$(1100)_2$	$(1010)_2$

CANCELLED