

Business Mathematics (Objective Type)

Time: 15 Minutes

Marks: 10

NOTE: Write answers to the questions on objective answer sheet provided. Four possible answers A, B, C & D to each question are given. Which answer you consider correct, fill the corresponding circle A, B, C or D given in front of each question with Marker or pen ink on the answer sheet provided.

1. The degree of quadratic equation is:
 (A) one (B) three (C) two (D) four
2. The solution set of $4x^2 + 5x + 1 = 0$ is:
 (A) $\left\{1, \frac{1}{4}\right\}$ (B) $\left\{1, 4\right\}$ (C) $\left\{-1, -4\right\}$ (D) $\left\{-1, -\frac{1}{4}\right\}$
3. The horizontal lines of numbers in a matrix are called:
 (A) columns (B) rows (C) scalars (D) vectors
4. For two matrices A & B of same orders, $(A+B)^t$ is equal to:
 (A) $A^t + B^t$ (B) $A^t \cdot B$ (C) $A + B^t$ (D) $A + B$
5. The decimal number system is also called _____ system:
 (A) Denary (B) Binary (C) Greek (D) Spanish
6. In decimal system, $(110)_2$ is equal to:
 (A) 8 (B) 2 (C) 4 (D) 6
7. What is percentage of 560 is 28?
 (A) 20% (B) 15% (C) 10% (D) 5%
8. Total amount is Rs: 700000, then commission @ 2% is:
 (A) 14,000 (B) 12,000 (C) 10,000 (D) 21,000
9. Compound amount formula is
 (A) $p(1+i)^n$ (B) $p(1-i)^n$ (C) $p(1+i)$ (D) $p(1-i)$
10. The set of all values of 'y' is called:
 (A) Domain (B) Range (C) Co-domain (D) Power set

