9191

GENERAL MATHEMATICS — 9th

SECTION-A

Time: 20 Minutes   Marks: 15

1. Ratio between 9 kilograms and 18 grams in simplest form is .... A) 1 : 2, B) 50 : 1, C) 500 : 1, D) 2 : 50

2. Nisab for silver for payment of Zakat is .... grams. A) 7.5, B) 52, C) 87, D) 609

3. Cost price is Rs.550, selling price is Rs.594, profit % is .... A) 2, B) 8, C) 24, D) 44

4. Pakistani currency was heavier than .... A) Dollar, B) Pound, C) Euro, D) Yen

5. Characteristic of log 23.557 is .... A) 0, B) 1, C) 2, D) 3

6. $\log_4 x = -3$, then x is equal to .... A) $\frac{1}{12}$, B) 12, C) 64, D) $\frac{1}{64}$

7. An arithmetic mean between $2\sqrt{3}$ and $6\sqrt{3}$ is .... A) 24, B) $12\sqrt{3}$, C) $8\sqrt{3}$, D) $4\sqrt{3}$

8. {0,1,2,3,.....} is a set of .... numbers. A) odd, B) even, C) prime, D) whole

9. If $A \cup B = \phi$ then A and B are .... sets. A) empty, B) equal, C) overlapping, D) disjoint

10. The point (3, −4) is located in quadrant .... A) I, B) II, C) III, D) IV

11. The most frequent value in the data is .... A) mean, B) media, C) mode, D) G.M

12. $\frac{\sum f(x - \bar{x})^2}{\sum f}$ is called .... A) range, B) median, C) S.D, D) variance

13. $\frac{3}{8}$ in percentage is .... A) 3.75, B) 37.5, C) 375, D) 0.375

14. $A \cap A'$ = ... A) A, B) A', C) U, D) ϕ

15. Zakat payable on Rs.100,000/- is Rs. .... A) 2500, B) 25000, C) 4000, D) 40000