

GENERAL MATHEMATICS- 9th

Note: There are three sections of this paper. Read the instructions carefully and attempt accordingly.

Time: 20 minutes

Section A

Marks: 12

1. Attempt all questions of Section-A by filling the corresponding bubble on the MCQ ANSWER SHEET and return it to the Superintendent within given time, even if you have not attempted any question. Cutting, erasing and overwriting will be awarded no marks.
- i. $\frac{2}{5}$ is equal in percentage to _____%.
A) 20 B) 40 C) 60 D) 80
- ii. Which one is the value of x in $4 : 9 :: x : 277$?
A) 9 B) 12 C) 18 D) 27
- iii. Which one is the rate of Zakat on the savings?
A) 2% B) 2.5% C) 3.5% D) 5%
- iv. Ushr is payable after _____
A) six months B) one year C) every harvest D) calculating the profit
- v. Cost price is Rs.320, selling price is Rs. 365. Profit is _____.
A) 45 B) 55 C) 145 D) 35
- vi. KPRs is heavier than _____
A) Dollar B) Pound C) Riyal D) Yen
- vii. If sale price is Rs. 10000. What will be sales tax @ Rs 5/-?
A) 400 B) 500 C) 800 D) 1000
- viii. Gas is measured in _____.
A) HM3, B) HM2 C) HM D) H3M
- ix. 32 in to radical form is _____
A) $\sqrt{3}$ B) $\sqrt{9}$ C) $\sqrt{27}$ D) $\sqrt{81}$
- x. 0.0000652 In scientific notation is _____
A) $65^2 \times 10^7$ B) 652×10^{-7} C) 6.52×10^5 D) 6.52×10^{-5}
- xi. If $\log_6 4 x = -5/6$ then $x =$ _____
A) $1/32$ B) $-1/32$ C) 32 D) -32
- xii. Geometric mean between 3 and 27 is _____
A) 3 B) 9 C) 27 D) 81
- xiii. If $B = \{1,2,100\}$ and $C = \{2,200\}$ then $A \cap C =$ _____
A) $\{1,2,100,200\}$ B) $\{1,2,100\}$ C) $\{1,2\}$ D) $\{2\}$
- xiv. The point (2,3) is located in Quadrant _____
A) I B) II C) III D) IV
- xv. The most frequent value in a data is called _____
A) Mean B) Median C) range D) mode