

Mathematics 10th Class English Medium Online Test

Sr	Questions	Answers Choice
1	A group frequency table is called.	A. Data B. Frequency distribution C. Frequency polygon D. None of these
2	The mode in the data 1,3,5,3,7,9	A. 1 B. 3 C. 5 D. 7
3	The relation $R = \{(1,2), (2,3), (3,3), (3,4)\}$ IS:	A. Not a function B. Onto function C. One-One function D. Into function
4	Point $(-1,4)$ lies in quadrant:	A. I B. II C. III D. IV
5	The Range of R is, if $R = \{(1,3), (2,2), (3,1), (4,4)\}$.	A. $\{1,2,4\}$ B. $\{3,2,4\}$ C. $\{1,2,3,4\}$ D. $\{1,3,4\}$
6	If $R = \{(0,2), (2,3), (3,4)\}$ then Dom (R) is:	A. $\{0,3,4\}$ B. $\{0,2,3\}$ C. $\{0,2,4\}$ D. $\{2,3,4\}$
7	If set A has 3 and B has 2 elements then number binary relations of $A \times B$.	A. $2^{2 \times 3}$ B. $2^{3 \times 2}$ C. $2^{2 \times 6}$ D. $2^{3 \times 3}$
8	If set A has 3 elements and B has 4 then $A \times B$ has _____ elements.	A. 3 B. 4 C. 12 D. 7
9	If A and B are two disjoint sets then $A \cup B =$ _____	A. A B. B C. \emptyset D. $B \cup A$
10	$A \cup (B \cap C) =$ _____	A. $(A \cup B) \cap (A \cup C)$ B. $A \cap (B \cap C)$ C. $(A \cap B) \cup (A \cap C)$ D. $A \cup (B \cup C)$
11	$(A \cup B) \cup C =$ _____	A. $A \cap (B \cup C)$ B. $(A \cup B) \cap C$ C. $A \cup (B \cup C)$ D. $A \cap (B \cap C)$
12	$A \subseteq B$ then $A - B =$ _____	A. A B. B C. \emptyset D. $B - A$
13	If $A \subseteq B$ the $A \cap B =$ _____	A. A B. B C. \emptyset D. $A \cup B$
14	If $A \subseteq B$ then $A \cup B =$ _____	A. A B. B C. \emptyset D. None of these
15	Number of elements in power set of $\{1,2,3\}$	A. 4 B. 6 C. 8 D. 9

