

## Mathematics 10th Class English Medium Unit 5 Online Test

Sr	Questions	Answers Choice
1	The domain of $R = \{(0,2),(2,3),(3,3)(3,4)\}$ is.	A. $\{0,3,4\}$ B. $\{0,2,3\}$ C. $\{0,2,4\}$ D. $\{2,3,4\}$
2	If number of elements in set A is 3 and in set B is 2, then number of binary relations in $A \times B$ is.	A. 3 B. 4 C. 7 D. 12
3	If A and B are disjoint sets, then $A \cup B$ is equal to.	A. A B. B C. $\emptyset$ D. $B \cup A$
4	$(A \cup B) \cup C$ is equal to	A. $A \cap (B \cup C)$ B. $(A \cup B) \cap C$ C. $A \cup (B \cap C)$ D. $A \cap (B \cap C)$
5	If $A \subseteq B$ then $A - B$ is equal to	A. A B. B C. $\emptyset$
6	If $A \subseteq B$ then $A \cup B$ is equal to	A. A B. B C. $\emptyset$ D. None of these
7	The number of elements in power set $\{1,2,3\}$ is.	A. 4 B. 8 C. 6 D. 9
8	Power set of an empty set is.	A. $\emptyset$ B. $\{a\}$ C. $\{\emptyset, \{a\}\}$ D. $\{\emptyset\}$
9	The set having only one element is called.	A. Null set B. Power set C. Singleton set D. Subset
10	The set $\{x/x \in W \wedge x \leq 101\}$ is.	A. Infinite set B. Sub set C. Null set D. Finite set
11	A set with no element is called.	A. Subset B. Empty set C. Singleton set D. Super set
12	The different number of ways to describe a set are.	A. 1 B. 2 C. 3 D. 4
13	A collection of well-defined distinct objects is called.	A. subset B. Power set C. Set D. None of these
14	Formula of variance is group data is:	
15	When the number of observations of a set of data is even then the median formula is:	