

## 10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	The number of elements of the power set {a,b} are.	A. 1 B. 2 C. 3 D. 4
2	In $ax^2+bx+c$ , if $a = 0$ then reduced form is:	A. $ax^2+bx$ B. $bx+c$ C. c D. $ax^2+c$
3	From a point outside the circle _____ tangents can be drawn:	A. One B. Two C. Three D. Four
4	The number of element in power set {1.2.3} is.	A. 4 B. 8 C. 6 D. 9
5	In which quadrant $\theta$ lie when $\sin\theta > 0$ , $\tan\theta < 0$ ?	A. I B. II C. III D. IV
6	$\cos 60^\circ = \dots\dots\dots$	A. 1/2 B. $\sqrt{3}/2$ C. 2 D. $2/\sqrt{3}$
7	A complete circle is divided into:	A. $90^\circ$ B. $180^\circ$ C. $270^\circ$ D. $360^\circ$
8	Median from the data 2.3,2.7,2.5,3.1 and 1.9 is.....	A. 2.3 B. 2.5 C. 2.7 D. 2.9
9	Mean of a variable with similar observations say constant k is.....	A. Negative B. K- itself C. zero D. one
10	A ratio has:	A. No units B. Oneunit C. Twounits D. Threeunits
11	Which of the following is commutative law?	A. $A \cup (B \cup C) = (A \cup B) \cup C$ B. $A \cap (B \cap C) = (A \cap B) \cap C$ C. $A \cup B = B \cap A$ D. $(A \cup b) \cap c = (A \cap c) \cup b$
12	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
13	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. $115^\circ$ B. $135^\circ$ C. $150^\circ$ D. $30^\circ$
14	If $\tan\theta = \sqrt{3}$ then $\theta$ is equal to .	A. $30^\circ$ B. $45^\circ$ C. $60^\circ$ D. $90^\circ$
15	The range of $\{(a,a),(b,b),(c,c)\}$ is .....	A. {a,b} B. {a,b,c} C. {a} D. $\emptyset$
16	Question Image <input style="width: 500px; height: 20px;" type="text"/>	

17	Geometry means measure of the:	A. Earth or Straight line B. Earth or Land C. Triangle or Polygon D. Earth or Point
18	A quadratic factor is:	A. $ax^2+bx+c$ B. $ax+b$ C. $Ax+B+c$ D. $bx+c$
19	Point (-1, 4) lies in the quadrant:	A. I B. II C. III D. IV
20	If A has two elements and B has 3 elements, then number of binary relations in $A \times B$ is _____	A. $2 \times 3$ B. $2^3$ C. $2^6$ D. $2^2$