10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	The discriminant of $7x^2+8x+1=0$ is:	A. 32 B. 34 C. 36 D. 38
2	The average pocket money of 30 students is Rs.20/- , The total amount in the class is:	A. Rs.20/- B. Rs.30/- C. Rs.300/- D. Rs.600/-
3	The standard deviation is 6 then its variance is...........	A. <p class="MsoNormal">√6<!--[endif]--><!--[endif]--><o:p></o:p></p> B. 36 C. 3 D. 6
4	$1/2 \operatorname{sosec} 45^o$	A. $1/2\sqrt{2}$ B. $1/\sqrt{2}$ C. $\sqrt{2}$ D. $\sqrt{3}/2$
5	The quotient is indicated by a:	A. Comma (,) B. Bracket ( ) C. Bar (-) D. Hyphen (!)
6	Diameter _____a circle:	A. Divides B. Trisects C. Intercept D. Bisects
7	Question Image	
8	The measure which determines the middle most observation in a data set is called.	A. Median B. Mode C. Mean D. Rang
9	In a : b : : c : d, d is called:	A. Thirdproportional B. Fourthproportional C. Meanproportional D. Continuedproportional
10	In an arc of circle substends a central angle 60°, then corresponding chord will make central angle:	A. 20° B. 40° C. 60° D. 80°
11	If y = kx, x = 7 and y = 6, then k =	A. 42 C. 13
12	The number of elements in power set {1,2,3}:	A. 4 B. 6 C. 8 D. 9
13	If the incentre and circumcenter of a triangle coincide the triangle is:	A. Right angle B. Scaleve C. Isosceles D. Equilateral
14	Formula $l=r\theta$ is true only when θ is in:	A. degree B. radian C. revolution D. minute

15	Which of the following is De-Morgan's law?	A. $(A \cup B) \cup C = A \cup (B \cup C)$ B. $(A \cap B)^C = A^c \cup B^c$ C. $A \cup (B \cap C) = (A \cup B) \cap (A \cup C)$ D. $A \cap (B \cup C) = (A \cap B) \cup (A \cap C)$
16	A line which has only one point in common whit a circle is called:	A. chord B. secant C. tangent D. sector
17	If variables occurs in exponent, then such equations are called:	A. Constant equations B. Linearequations C. Exponentialequations D. Binomialequations
18	If a circle passes through three or more paints then these points are called:	A. Incyclic B. Concyclic C. Circumcyclic D. Bicyclic
19	A quadratic equation has:	A. Two roots B. Three roots C. Fourroots D. Fiveroots
20	Question Image	C. 2 D. 1