

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

Sr	Questions	Answers Choice
1	If A is subset of U, then $(A^c)^c =$ .....	A. A B. $A^c$ C. $U^c$ D. $\emptyset$
2	Which of the following is distributive property intersection over union?	A. $A \cup (B \cap C) = A \cup (B \cap C)$ B. $A \cap (B \cup C) = (A \cap B) \cup C$ C. $A \cup (B \cap C) = (A \cup B) \cap (A \cup C)$ D. $A \cap (B \cup C) = (A \cap B) \cup (A \cap C)$
3	How many right angles are there in 360 degree?	A. Two B. Four C. Six D. Eight
4	Any two angles in the same segment of a circle are:	A. Unequal B. Equal C. Parallel D. Perpendicular
5	If $A \subseteq B$ the $A \cap B =$ _____	A. A B. B C. $\emptyset$ D. $A \cup B$
6	If set a has 3 elements and B has 4 then $A \times B$ has _____ elements.	A. 3 B. 4 C. 12 D. 7
7	Which of the following is a reciprocal equation ?	A. $ax^3 + bx^3 + cx + d = 0$ B. $ax^4 - bx^3 + cx^2 - bx + a = 0$ C. $ax^4 + bx^3 + cx^2 + dx + e = 0$ D. $ax^4 + bx^3 + cx^2 + bx + a = 0$
8	The relation $\{(1,2),(2,3),(3,3),(3,4)\}$ is.	A. Onto function B. Into function C. Not a function D. One-One function.
9	$1^\circ =$ .....	A. $180\pi$ radian B. $\pi$ radian C. $\pi/180$ radian D. $180/\pi$ radian
10	O - E = .....	A. $\emptyset$ B. O C. E D. Z
11	The difference between upper limit of two consecutive classes is a frequency table is called:	A. Class limit B. Class interval C. Class mark D. All of these
12	If $A \subseteq B$ then $A \cup B$ is equal to	A. A B. B C. $\emptyset$ D. None of these
13	Diameter of a a circle divides it into many parts?	A. two B. three C. four D. countless
14	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
15	.....	A. Addition B. Subtraction C. Multiplication D. Division

15	Every improper fraction can be reduced to sum of polynomial and a proper fraction by:	<p>B. Division</p> <p>C. Subtraction</p> <p>D. Multiplication</p>
16	If $f: A \rightarrow B$ and range of $f = B$ , then $f$ is an.....	<p>A. into function</p> <p>B. onto function</p> <p>C. bijective function</p> <p>D. function</p>
17	A fraction in which the degree of the numerator is greater or equal to the degree of denominator is called:	<p>A. A proper fraction</p> <p>B. An improper fraction</p> <p>C. An equation</p> <p>D. Algebraic relation</p>
18	$1/\sin\theta = \dots\dots\dots$	<p>A. <math>\cos\theta</math></p> <p>B. <math>\sec\theta</math></p> <p>C. <math>\operatorname{Co} \sec\theta</math></p> <p>D. <math>\cot\theta</math></p>
19	The positive square root of mean of the squared deviation of $X_i$ ( $i=1,2,3,\dots,n$ ) observations from their arithmetic mean is called.	<p>A. Harmonic mean</p> <p>B. Range</p> <p>C. Standard deviation</p> <p>D. Variance</p>
20	The average pocket money of 30 students is Rs.20/- , The total amount in the class is:	<p>A. Rs.20/-</p> <p>B. Rs.30/-</p> <p>C. Rs.300/-</p> <p>D. Rs.600/-</p>