

## Mathematics 9th Class English Medium Online Test

Sr	Questions	Answers Choice
1	The equation of a straight line in the slope-intercept form is written as.	A. $y = m(x+c)$ B. $y-y_1 = m(x-x_1)$ C. $y = c + mx$ D. $ax+by+c=0$
2	Question Image	A. 90 $^{\circ}$ B. 45 $^{\circ}$ C. 60 $^{\circ}$ D. 30 $^{\circ}$
3	The range of $R = \{(1,3), (2,2), (3,1), (4,4)\}$ is	A. {2,3,4} B. {1,2,3} C. {1,2,3,4} D. {1,3,4}
4	In right -angled triangle one angle is right, other two angles are.	A. Right B. Obtuse C. Acute D. One acute, one obtuse
5	If $a = b \times 10^n$ is written in scientific notation then	
6	$\log_{10} 10^0$ is	A. 0 B. 1 C. 2 D. Impossible
7	Question Image	A. 4/5 B. 5/4 C. 7/4 D. -4/5
8	If $n(S) = 12$ and $n(B) = 8$ then $p(B)$ is	A. 3/2 B. 2/3 C. 20 D. 4
9	If $\log(x+3) = \log(15x-4)$ then $x$ is.	A. 0.5 B. 7 C. 2 D. 17
10	$\log(0) =$	A. Positive B. Zero C. Undefined D. Negative
11	The line which equation bisects the 1st and 3rd quadrant.	A. $x - y = 0$ B. $x + y = 0$ C. $y = 2x$ D. $y = 5x$
12	The negation of statement $p$ is denoted by	A. $\neg p$ B. $\vee p$ C. $\neg \neg p$ D. $p$
13	Question Image	A. 0 B. $n(B)$ C. $n(A)$ D. $n(B)-n(A)$
14	If $A = \{\}$ , then $P(A)$ is	A. {} B. {1} C. {{}} D. 0
15	A vertical line divides the plane into	A. Left half plane B. Right half plane C. Full plane D. Two half plane
16	If radii of two circles are in the ratio 2:3 then their surface areas are in the ratio.	A. 2:3 B. 4:9 C. 8:18

---

17 For common logarithm the base is

A. 1  
B. 10  
C. 5  
D. e

---

18 A line that continually approaches a given curve but does not meet it at any finite distance is called.

A. Horizontal line  
B. Vertical line  
C. Tangent line  
D. Asymptotes

---

19  $292.5^{\circ}$  = ..... rad.

---

20 If in center, circumcenter, orthocenter and centroid of a triangle coincide then triangle is.

A. Isosceles  
B. Equilateral  
C. Right angled  
D. Acute angled

---