

Mathematics 9th Class English Medium Online Test

Sr	Questions	Answers Choice
1	The slope of the line is.	A. $x = x_2 - x_1 / y_2 - y_1$ B. $m = y_2 - y_1 / x_2 - x_1$ C. $m = x_1 - x_2 / y_1 - y_2$ D. $m = y_1 + y_2 / x + x_2$
2	The formula of Fibonacci sequence is.	
3	The interior and exterior angles of regular hexagon are in the ratio.	A. 1:2 B. 2:1 C. 1:6 D. 2:3
4	Which of the following is one of the modern number systems.	A. Roman Numerals B. Egyptians numerals C. Sexagesimal system D. Hexadecimal system
5	Question Image <input type="text"/>	A. Rational Number B. Prime Number C. Irrational Number D. Imaginary Number
6	Question Image <input type="text"/>	A. Distributive of union B. De-Morgan's law C. Distributive property of intersection over union D. Distributive property of union over intersection
7	If the mean of 5,7,8,9 and x is 7.5, what will be the value of x ?	A. 10 B. 8 C. 8.5 D. 5.8
8	The equation of line in normal form is	A. $y = mx + c$ B. $y/a = y/b = 1$ C. $x \cos \alpha + y \sin \alpha = p$ D. $y - y_1 = m(x - x_1)$
9	If $\log(x+3) = \log(15x-4)$ then x is.	A. 0.5 B. 7 C. 2 D. 17
10	Question Image <input type="text"/>	
11	L.C.M. of $a^2 - b^2$ and $a^4 - b^4$ is	A. $a^2 + b^2$ B. $a^2 - b^2$ C. $a^4 - b^4$ D. $a - b$
12	The equation of a line in symmetric form is.	A. $x/a + y/b = 1$ B. $(x-x_1)/a = (y-y_1)/b = (z-z_1)/c$ C. $ax + by + c = 0$ D. $y - y_1 = m(x - x_1)$
13	Q and Q' are.....sets	A. disjoint B. Overlapping C. Intersecting D. Supper
14	Distance between two points P (1,2) AND (4,6) is	A. 5 B. 6 C. 3 D. 4
15	Number of elements in power set of {1,2,3}	A. 4 B. 6 C. 8 D. 9
16	$\log_2 2^3$	A. 1 B. 2 C. 3 D. 7

17	Point of concurrency of three medians of a triangle is called its.	A. In centre B. Ortho centre C. Centroid D. Circumcentre
18	The number of elements in power set $\{a,b,c,d\}$ is.	A. 4 B. 8 C. 16 D. 32
19	The point of concurrency of the three right bisectors of the sides of a triangle is called.	A. Circumcentre B. In centre C. Ortho centre D. Centroid
20	The Egyptian numeral system was used between	A. 4500-1900 BCE B. 2000-1500 BCE C. 3000-2000 BCE D. 1000-500 BCE
