

Mathematics 9th Class English Medium Online Test

Sr	Questions	Answers Choice
1	The HCF of $a^3 b^3$ and ab^2 is	A. $a^3 b^3$ B. ab^2 C. $a^2 b^2$ D. $a^2 b$
2	The ratio of the areas of two similar polygons is	A. Equal to the ratio of their perimeters B. Equal to the square of the ratio of their corresponding sides C. Equal to the cube of the ratio of their corresponding side D. Equal to the sum of their corresponding sides
3	If $a = b \times 10^n$ is written in scientific notation then	
4	The conjunction $p \wedge q$ is true when p and q are	A. T, T B. T, F C. F, T D. F, F
5	the sequence 0,1,1,2,3,5,8,13,21..... is known as	A. Fibonacci B. Prime C. Even D. Odd
6	Factorization of $x^3 + 3x^2 + 3x + 1$ is	A. $(x + 1)^3$ B. $(x - 1)^3$ C. $(x + 1)(x^2 + x + 1)$ D. $(x - 1)(x^2 - x + 1)$
7	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
8	The size of class interval (6-10) is	A. 4 B. 5 C. 810
9	$y = 5^x$ is.....function	A. Linear B. quadratic C. cubic D. exponential
10	Question Image <input style="width: 100%; height: 15px;" type="text"/>	A. log 0 B. log 2 D. $1 \log 15$
11	The set having only one element is called	A. Null set B. Power Set C. Singleton set D. Subset
12	Venn diagrams useful only in case of.	A. Universal set B. Subsets C. Abstract sets D. Concrete sets
13	If y-coordinates of two points are same then line passing through them is perpendicular to.	A. x-axis B. y-axis C. origin D. any line
14	Question Image <input style="width: 100%; height: 15px;" type="text"/>	A. -1 B. $-1/2$ C. $1/2$ D. $1/7$
15	The repeating pattern of regular shapes is called.	A. Tessellation B. Oscillation C. Rotation D. Citation
		A. 3

16	Given that $f(x) = 3x + 1$, if $f(x) = 28$,then the value of x is.	<p>B. 9</p> <p>C. 18</p> <p>D. 27</p>
17	Which of the followig is the set of first hundred whole number	<p>A. {1,2,3.....100}</p> <p>B. {1,2,3.....,99}</p> <p>C. {0,1,2,3.....100}</p> <p>D. {0,1,2,3.....,99}</p>
18	Measure of central tendency is used to find out theof a data set	<p>A. Class boundaries</p> <p>B. Comulative frequency</p> <p>C. Middle or centre value</p> <p>D. Frequency</p>
19	Question Image <input type="text"/>	
20	In-centre si the point of concurrency of three.....of triangle.	<p>A. Right bisectors</p> <p>B. Angle bisectors</p> <p>C. Altitudes</p> <p>D. Medians</p>