

Mathematics 9th Class English Medium Online Test

Sr	Questions	Answers Choice
1	Numebr of elements in power set of {1,2,3}	A. 4 B. 6 C. 8 D. 9
2	If A and B are disjoint sets, then $A \cup B$ is equal to	A. A B. B C. B U A D. Φ
3	The conjunction of two statemtn p and q is the true when.	A. Both p and q are false B. Both p and q are true C. Only q is true D. Only p is true
4	<div style="border: 1px solid black; padding: 2px; display: inline-block;">Question Image</div>	A. Commutative proerpty of Union B. Associative property of Union C. Commutative property of interection D. Commutativ eproperty of intersection
5	The set of all points which is farther than 2 km from a fixed point B is a region outside a circle of radius..... and centre at B.	A. 1 km B. 1.9 km C. 2 km D. 2.1km
6	A frequency polygon is geometrically	A. Closed figure B. Open figure C. Straight D. Curved
7	Which of the followign is one of the modern numebr systems.	A. Roman Numerals B. Egyptians numeals C. Sexagesimal system D. Hexadecimal system
8	For common logarithm the base is	A. 1 B. 10 C. 5 D. e
9	$x=0$ is a solution of the inequality	A. $x > 0$ B. $3 < x < 0$ C. $x + 2 < 0$ D. $x - 2 < 0$
10	A locus is a set of points that follow a given.	A. Instructions B. rule C. variable D. value
11	Which number system as ud by the Egyptians.	A. Decimal B. Headecimal C. Sexagesimal D. Binary
12	If the decimal point is moved to the right when converting to scientfic notation, the exponent is.	A. Negative B. Positive C. Zero D. Constant

A. $y = x + 1$

13	A line passing through points(1,2) and (4,5) has which equation in the slope intercept form?	B. $y = 2x + 3$ C. $y = 3x - 2$ D. $y = x + 2$
14	Factors of $3x^2 - x - 2$ are	A. $(x+1)(3x-2)$ B. $(x+1)(3x+2)$ C. $((x-1)(3x-2)$ D. $(x-1)(3x+2)$
15	The base of natural logarithm is.	A. 0 B. 1 C. 10 D. e
16	Question Image <input type="text"/>	A. $\log 0$ B. $\log 2$ D. $\log 15$
17	The number of elements in power set $\{a,b,c,d\}$ is.	A. 4 B. 8 C. 16 D. 32
18	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
19	Question Image <input type="text"/>	A. Rational Number B. Prime Number C. Irrational Number D. Imaginary Number
20	Measure of central tendency is used to find out theof a data set	A. Class boundaries B. Cumulative frequency C. Middle or centre value D. Frequency