

Mathematics 9th Class English Medium Online Test

Sr	Questions	Answers Choice
1	A set containing no element is called	A. Empty set B. Subset C. Singleton set D. Super set
2	Which of the following sentences describe deductive reasoning?	A. General conclusions from a limited number of observations B. Based on repeated experiments C. Based on repeated experiments D. Draw conclusion from well-known facts
3	Question Image	B. 1
4	Question Image	A. Closed right B. Closed left C. Open right D. Open left
5	Question Image	A. 0° B. 90° C. 180° D. 360°
6	Q and Q' are.....sets	A. disjoint B. Overlapping C. Intersecting D. Supper
7	What should be added to complete the square of $y^4 + 81$	A. $18y^2$ B. $-18y^2$ C. $9y^2$ D. $18y$
8	The sum of the probability of an event and its complement must be	A. 0.5 B. 1 C. 0 D. 2
9	Question Image	A. 50 m B. 25 m C. 35 m D. 70 m
10	L.C.M of $15x^2z$, $45xy^2$ and $30yz^2$ is	A. $90xyz$ B. $90x^2y^2z^2$ C. $90x^3y^3z^3$ D. $15x^2yz$
11	The invention of zero is attributed to which civilization.	A. Greeks B. Indians C. Arabs D. Romans
12	The first component of each ordered pair (x,y) is called	A. Ordinate B. Coordinate C. Origin D. Abscissa
13	Locus of points equidistant from two fixed points is.	A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel lines
14	Which number system is known as Indo-Arabic numerals?	A. Decimal B. Headecimal C. Sexagesimal D. Binary
15	Question Image	A. 125 B. 135 C. 150 D. 225

16 If $a = b \times 10^n$ is written in scientific notation then

17 The conjunction of two statements p and q is denoted by

A. $p \wedge q$

B. $p \vee q$

C. $p \wedge \neg q$

D. $p \vee \neg q$

18 Question Image

A. Reciprocal property

B. Additive property

C. Multiplicative property

D. Division property

19 The bisectors of the angles of a triangle meet at a point called.

A. In centre

B. Ortho centre

C. Circumcentre

D. Centroid

20 Factors of $x^4 - 16$ is

A. $(x-2)^2$

B. $(x-2)(x+2)(x^2+4)$

C. $(x-2)(x+2)$

D. $(x+2)^2$