

Mathematics 9th Class English Medium Online Test

| Sr | Questions | Answers Choice |
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| 1 | 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 |
| 2 | Locus of points equidistant from two intersecting lines is | A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel lines |
| 3 | Which of the followig is the set of first hundred whole number | A. {1,2,3100} B. {1,2,3,99) C. {0,1,2,3100} D. {0,1,2,3,99) |
| 4 | In-centre si the point of concurrency of threeof triangle. | A. Right bisectors B. Angle bisectors C. Altitudes D. Medians |
| 5 | Which of the following expressions is often related to inductive reasonsing. | A. Based on repeated experiments B. If and only if satemetrs C. Statement is proven by a theorm D. Based on generla principles |
| 6 | Which one of them is unary operatin. | A. Subtraction B. Multiplication C. Negation D. Addition |
| 7 | If the sum of the measures of two angles is less than 90 $^{\rm o}$, then the triangle is | A. Equilateral B. Acute angled C. Obtuse angled D. Right angled |
| 8 | x= 5 represents. | A. x - axis B. y- axis C. Line to x -axis D. line II to y -axis |
| 9 | The base of commonlogrithm is | A. 2 B. 10 C. 5 D. e |
| | | A. associative property of intersection |
| 10 | Question Image | B. Associaive property of Union C. Commutative property of intersection D. Commutative property of Union |
| 11 | 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 |
| 12 | What will be added to complete the squae of 9a ² -12 ab? | A16 b2 B. 16 b2 C. 4 b2 D4b2 |
| 13 | A set containing no element is called | A. Empty set B. Subset C. Singleton set D. Super set |
| 14 | The graph of which function has "U" shape. | A. Linear B. quadratic C. cubic D. reciprocal |
| 15 | A line passing through points(1,2) and (4,5) has which equation in the slope intercept form? | A. y=x+1 B. y = 2x+3 C. y =3x-2 |

| | | D. y = x+2 |
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| 16 | Question Image | A. Rational number B. Whole number C. Irrational Number D. Natural |
| 17 | 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 D. 8:27 |
| 18 | Frequency polygon is also drawn constructed by using. | A. Histogram B. Bar graph C. Class boundaries D. Class limit |
| 19 | The conjunction p ^q is true when p and q are | A. T,T B. T, F C. F, T D. F, F |
| 20 | x=0 is a solution of the inequality | A. x > 0 B. 3 < 0 C. x+2< 0 D. x-2 < 0 |