

Mathematics 9th Class English Medium Online Test

Sr	Questions	Answers Choice
1	The solution region restricted to the first quadrant is called	<p>A. Objective region</p> <p>B. Feasible region</p> <p>C. Solution region</p> <p>D. Constraints region</p>
2	If A and B are disjoint sets, then $A \cup B$ is equal to	<p>A. A</p> <p>B. B</p> <p>C. $B \cup A$</p> <p>D. ϕ</p>
3	Midpoint is also known as	<p>A. Mean</p> <p>B. median</p> <p>C. Class limit</p> <p>D. Class mark</p>
4	(0,0) is solution of inequality	<p>A. $4x + 5y > 8$</p> <p>B. $3x + y > 6$</p> <p>C. $-2x + 3y < 4$</p> <p>D. $x + y > 4$</p>
5	Question Image	B. 1
6	If $n(S) = 18$ and $n(B') = 4$ then $p(E)$ is	<p>A. $\frac{4}{18}$</p> <p>B. $\frac{2}{9}$</p> <p>C. $\frac{7}{9}$</p> <p>D. $\frac{18}{4}$</p>
7	The point of concurrency of the three right bisectors of the sides of a triangle is called.	<p>A. Circumcentre</p> <p>B. In centre</p> <p>C. Ortho centre</p> <p>D. Centroid</p>
8	The plane figure formed by two rays sharing a common endpoint is called	<p>A. An angle</p> <p>B. A degree</p> <p>C. Triangle</p> <p>D. A radian</p>
9	$\log e = \dots\dots\dots$ where 2.718	<p>A. 0</p> <p>B. 0.4343</p> <p>C. 1</p> <p>D. 0.22</p>
10	In similar figures corresponding angles are congruent and corresponding sides are	<p>A. Congruent</p> <p>B. Parallel</p> <p>C. Perpendicular</p> <p>D. Proportional</p>
11	Question Image	<p>A. $a + b = 1$</p> <p>B. $a - b = 1$</p> <p>C. $a = b$</p> <p>D. $a^2 - b^2 = 1$</p>
12	How many equilateral triangles are in a regular hexagon.	<p>A. 4</p> <p>B. 5</p> <p>C. 6</p> <p>D. 8</p>
13	A set having only one element is called	<p>A. Singleton set</p> <p>B. Super set</p> <p>C. Power Set</p> <p>D. Sub set</p>

14	$\log_2 2^3$	A. 1 B. 2 C. 5 D. 3
15	Question Image <input type="text"/>	A. 50 m B. 25 m C. 35 m D. 70 m
16	Reciprocal function is.	A. $x = 7$ B. $y = \frac{2}{x}$ C. $y = 2x^2$ D. $y = 5x^3$
17	The exterior angle of regular pentagon is	A. 40° B. 45° C. 60° D. 72°
18	The number of elements in power set $\{a,b,c,d\}$ is.	A. 4 B. 8 C. 16 D. 32
19	Product of LCM and HCF = of two polynomial	A. Sum B. Difference C. Product D. Quotient
20	The quality of two ratios is called	A. Proper factor B. Scale factor C. Area factor D. Proportion