

## Mathematics 9th Class English Medium Online Test

Sr	Questions	Answers Choice
1	Which of the following is a valid identity.	
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	<div style="border: 1px solid #ccc; width: 100%; height: 20px; margin-bottom: 5px;"></div> Question Image	A. 30 B. 37.5 C. 45 D. 52.5
4	Each ordered pair consists of.....coordinates.	A. 2 B. 3 C. 4 D. 5
5	In $\log x = -2.1234$ the value of x is	A. 0.007526 B. 0.07526 C. 0.7526 D. 7.526
6	How many letters are used to Roman numeral system.	A. 3 B. 5 C. 7 D. 10
7	In right -angled triangle one angle is right, other two angles are.	A. Right B. Obtuse C. Acute D. One acute, one obtuse
8	$\sin 60^\circ =$ -----	A. 1 B. 1/2
9	In $\log_b x = 725$ , the characteristic is	A. 0 B. 1 C. 2 D. 3
10	Which of the following expressions is often related to inductive reasoning.	A. Based on repeated experiments B. If and only if statements C. Statement is proven by a theorem D. Based on general principles
11	The number of elements in power set $\{a,b,c,d\}$ is.	A. 4 B. 8 C. 16 D. 32
12	H.C.F of $a^3 + b^3$ and $a^2 - ab + b^2$	A. $a+b$ B. $a^2 - ab - b^2$ C. $(a-b)^2$ D. $a^2 + b^2$
13	Two spheres are similar, and their radii are in the ratio 4:5. If the surface area of the larger sphere is 500	A. B. C. D.
14	Who is known as the father of probability	A. Girolamo Cardano B. Sir Ronald Fisher C. George Cantor D. John Venn
15	If a line of slope $= -3$ passes through origin and P (3,k) the value of k is.	A. 3 B. -3 C. 9 D. -9

16	Name the property of real numbers used $\frac{1}{2} \times 1 = \frac{1}{2}$	A. Additive Identity B. Additive Inverse C. Multiplicative identity D. Multiplicative inverse
17	Sum of interior angles of a triangle is.	A. 60 B. 120 C. 180 D. 240
18	Question Image <input type="text"/>	
19	The conjunction of two statements p and q is 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
20	The in center of any triangle always lies .....the triangle.	A. Outside B. Inside C. Midpoint D. On base of