


## Mathematics 9th Class English Medium Online Test

Sr	Questions	Answers Choice
1	$x = \dots\dots\dots$ is not a solution of inequality $x < -3/2$	A. -1.5 B. -2.5 C. -3 D. -2
2	The factors of $4x^2 - 12y + 9$ are	A. $(2x + 3)^2$ B. $(2x - 3)^2$ C. $(2 + 3x)(2 - 3x)^2$ D. $(2x - 3)(2x + 3)$
3	A set containing no element is called	A. Empty set B. Subset C. Singleton set D. Super set
4	Which of the followig is the set of first hundred whole number	A. {1,2,3.....,100} B. {1,2,3.....,99} C. {0,1,2,3.....,100} D. {0,1,2,3.....,99}
5	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. $\log_3 4 = 81$ B. $\log_4 3 = 81$ C. $\log_3 81 = 4$ D. $\log_4 81 = 3$
6	What will be added to complete the squae of $9a^2 - 12ab$ ?	A. $-16b^2$ B. $16b^2$ C. $4b^2$ D. $-4b^2$
7	The sum of all expected frequencies is equal to the fixed number of	A. Trials B. Relative frequencies C. Outcomes D. Events
8	A collection of wel-known objects is called	A. Set B. Power set C. Subset D. None
9	An outcome which represnet how many times we epect the ghings to be happned is called	A. Outcoms B. Favourable outcomes C. Sampe space D. Sample point
10	Each elemet of the sample space is called	A. Event B. Experiment C. Sample point D. Outcomes
11	If the mean of 5,7,8,9 and x is 7.5, what will be the value of x?	A. 10 B. 8 C. 8.5 D. 5.8
12	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. Reflexive property B. Symmetric property C. Transitive Number D. Trichotomy property
13	If $m_1$ and $m_2$ are slopes of two parallel lines them	A. $m_1 \times m_2 = 0$ B. $m_1 + m_2 = 0$ C. $m_1 - m_2 = 0$ D. $m_1 \times m_2 = -1$
14	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 50 m B. 25 m C. 35 m D. 70 m
15	If x-coordinates of two points are same then line passing through them is parallel to	A. x-axis B. y-axis C. origin D. arry line

16	Estimate probability of an event occurring is also known as	A. Relative frequency B. Expected frequency C. Class boundaries D. Sum of expected frequency
17	The number of times a value occurs in a data is called	A. Frequency B. Relative frequency C. Class limit D. Class mark
18	Question Image 	A. 1 B. 2 C. 3 D. 4
19	The graph of inequality $x < 0$ is half plane	A. Lower B. Upper C. Right D. Left
20	If $\log 2 = 0.3010$ , then $\log 200$ is	A. 1.3010 B. 0.6010 C. 2.3010 D. 2.000