

## Mathematics 9th Class English Medium Online Test

Sr	Questions	Answers Choice
1	The graph of which function has at most two turning point.	A. Linear B. quadratic C. cubic D. biquadratic
2	The garbage dumping area must be 5 km away from the city. Which locus do we have to draw.	A. Circle B. Right bisector C. Angle bisector D. Parallel lines
3	How many letters are used to Roman numeral system.	A. 3 B. 5 C. 7 D. 10
4	If the volume of two similar solids is 125 cm <sup>3</sup> and 27 cm <sup>3</sup> , the ratio of their corresponding heights is.	A. 3:5 B. 5:3 C. 25:9 D. 9:25
5	If the decimal point is moved to the left when converting to scientific notation, the exponent is.	A. Positive B. Negative C. Zero D. Constant
6	Question Image	A. P B. Q C. U D. O
7	What is the reason the numeral system used today is called Indo-Arabic numerals?	A. It was invented by Indians and spread by Arab merchants B. It was invented by Arabs and spread by Indians C. It was invented by Europeans and improved by Arabs D. It was invented by Greeks and adopted by Arabs
8	If $X = \{a, b, c\}$ then number of elements is $X \times X$ are	A. 9 B. 12 C. 14 D. 16
9	The formula of Fibonacci sequence is.	
10	The base of the Sumerian numerical system.	A. 10 B. 12 C. 60 D. 100
11	If A is a subset of B and $A = B$ , then A is an ..... of B.	A. Universal Set B. Proper Subset C. Improper Subset D. Power Set
12	$x = 5$ represents.	A. x-axis B. y-axis C. Line to x-axis D. line II to y-axis
13	The graph of inequality $x < 0$ is half plane	A. Lower B. Upper C. Right D. Left
14	The complement of $\emptyset$ is	A. U B. Impossible C. Union D. <span style="font-size: 14.0pt; mso-bidi-font-size: 11.0pt; line-height: 107%; font-family: 'Calibri', sans-serif; mso-ascii-theme-font: minor-latin;">.....</span>

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15 Sum of interior angles of a triangle is.

A. 60  $^{\circ}$   
B. 120  $^{\circ}$   
**C. 180  $^{\circ}$**   
D. 240  $^{\circ}$

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16 A collection of well-defined distinct objects is called

A. subset  
B. Power set  
**C. Set**  
D. Venn diagram

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17 A deviation is a difference of any value of the variable from a

A. Constant  
B. Variable  
C. Sum  
D. Zero

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18 The range of  $R = \{(1,3),(2,2),(3,1),(4,4)\}$  is

A. {2,3,4}  
B. {1,2,3}  
**C. {1,2,3,4}**  
D. {1,3,4}

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19  $25^{\circ}$  = .....

A. 360'  
B. 630'  
**C. 1500'**  
D. 9000'

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20 The set of all possible outcomes is called

A. Event  
B. Experiment  
**C. Sample space**  
D. Probability