

## Mathematics 9th Class English Medium Online Test

Sr	Questions	Answers Choice
1	Question Image	
2	The probability of an impossible event is	A. 0 B. 1 C. 2 D. -1
3	Ratio has	A. Fixed B. No symbol C. No unit D. No importance
4	A set having only one element is called	A. Singleton set B. Super set C. Power Set D. Sub set
5	$\log e = \dots$ where 2.718	A. 0 B. 0.4343 C. 1 D. 0.22
6	The exterior angle of regular pentagon is	A. $40^\circ$ B. $45^\circ$ C. $60^\circ$ D. $72^\circ$
7	$y = -3x^3 + 7$ is.....function.	A. exponential B. cubic C. linear D. reciprocal
8	The decimal part of Logarithm is	A. Mantissa B. Characteristic C. Real D. Imaginary
9	$x = \dots$ is not a solution of inequality $x < -3/2$	A. -1.5 B. -2.5 C. -3 D. -2
10	In sexagesimal system of measurement the angle is measured in	A. Radian B. Gradian C. oC D. $D^\circ$ MS"
11	The formula of Fibonacci sequence is.	
12	If two medians of a triangle are congruent then the triangle will be	A. Isosceles B. Equilateral C. Right angled D. Acute angled
13	The graph of a quadratic function is always.	A. Straight line B. Curves line C. Parabola D. Hyperbola
14	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
15	Which one tells us how often a specific event occurs relative to the total number of frequency event or trials.	A. Expected frequency B. Sum of relative frequency C. Relative frequency D. Frequency
16	The statement that has been proved true based on previously known facts is	A. axiom B. postulate C. theorem D. proof

17 In right -angled triangle one angle is right, other two angles are.  
A. Right  
B. Obtuse  
C. Acute  
D. One acute,one obtuse

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18 Which of the following is an irrational number.sni  
A. Congruent  
B. Collinear  
C. Concurrent  
D. Parallel

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19 The right bisectors of the three sides of a triangle are.  
A.  $(x+1)(3x-2)$   
B.  $(x+1)(3x+2)$   
C.  $((x-1)(3x-2)$   
D.  $(x-1)(3x+2)$

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20 Factors of  $3x^2 - x - 2$  are