

Mathematics 9th Class English Medium Online Test

Sr	Questions	Answers Choice
1	The observation that occurs most often is called	A. Mode B. Median C. Mean D. Range
2	If the decimal point is moved to the right when converting to scientific notation, the exponent is.	A. Negative B. Positive C. Zero D. Constant
3	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 1 D. 1/2
4	If $n(S) = 18$ and $n(B') = 4$ then $p(E')$ is	A. 4/18 B. 2/9 C. 7/9 D. 18/4
5	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
6	If $X = \{a, b, c\}$ then number of element is $X \times X$ are	A. 9 B. 12 C. 14 D. 16
7	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
8	If radii of two circles are in the ratio 2:3 then their surface areas are in the ratio.	A. 2:3 B. 4:9 C. 8:18 D. 8:27
9	Point of concurrency of three medians of a triangle is called its.	A. In centre B. Ortho centre C. Centroid D. Circumcentre
10	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 6.5 units B. 7.5 Units C. 6 Units D. 5 Units
11	if $g(x) = x^2 - 3$ then $g(-3) =$	A. 2 B. 4 C. 6 D. 8
12	If $g(x) = 7x - 2$ then $g(-1) =$	A. -2 B. -1 C. -7 D. -9
13	A conditional is regarded as false only when	A. Antecedent is true and consequent is false B. Consequent is true and antecedent is false C. Antecedent is true only D. Consequent is false only
14	The plane figure formed by two rays sharing a common endpoint is called	A. An angle B. A degree C. Triangle D. A radian
15	Which of the following can be constructed by compass.	A. 105° B. 125° C. 130° D. 55°
16	The graph of $y = -x^2 + 5$ opens	A. Upward B. downward C. Left side

D. Right side

17

Question Image

- A. Injective
- B. Surjective
- C. Into
- D. Periodic

18

If the intersection of two sets is empty, the sets are said to beset

- A. Difference of two sets
- B. Disjoint
- C. Complement
- D. Overlapping

19

One of factors of $x^3 - 27$ is

- A. $x-3$
- B. $x+3$
- C. x^2-3x+9
- D. Both a and c

20

The probability of a certain Event is

- A. 0
- B. 1
- C. 2
- D. Not possible