

## Mathematics 9th Class English Medium Online Test

| Sr | Questions   | Answers Choice   |
|----|---|--|
| 1  | $25^{\circ} = \dots$  | A. $360'$<br>B. $630'$<br><b>C. <math>1500'</math></b><br>D. $9000'$               |
| 2  | A traingle canbe constructed if the sum of the measure of any two sides is ..... the measure of the third side. | A. Less than<br>B. Greater than<br>C. Equal to<br>D. Greater than and equal to     |
| 3  | The number of elements in a power set $\{a,b,c,d\}$ is  | A. 4<br>B. 6<br>C. 8<br><b>D. 16</b>   |
| 4  | Question Image  |  |
| 5  | The graph of inequality $x > 0$ is half palne   | A. Upper<br>B. Left<br><b>C. right</b><br>D. lower                                 |
| 6  | The graph of which function has "S" shapes  | A. Linear<br>B. quadratic<br><b>C. Cubic</b><br>D. Reciprocal                      |
| 7  | The size of class interval (6-10) is  | A. 4<br><b>B. 5</b><br>C. 810  |
| 8  | H.C.F. of $m^2-2$ and $m^2+m-6$ is  | A. $m+2$<br>B. $m+3$<br>C. $m^2+m-6$<br><b>D. <math>m-2</math></b>                 |
| 9  | The Egyptian numeral system was used between  | A. 4500-1900 BCE<br>B. 2000-1500 BCE<br><b>C. 3000-2000 BCE</b><br>D. 1000-500 BCE |
| 10 | In coordinates $(xy)$ , x is known as   | A. Abscissa<br>B. Ordinate<br>C. Firs element<br>D. second element                 |
| 11 | How many equilateral triangles are in a regular hexagon.  | A. 4<br>B. 5<br><b>C. 6</b><br>D. 8  |
| 12 | Question Image  | A. 2<br>B. 1<br>C. 4<br><b>D. 8</b>  |
| 13 | If Hadi rolled a fair dice then the probability of getting a prime number is                                    | A. 0.5<br>B. 1<br>C. 0<br><b>D. 0.6</b>  |
| 14 | In a regular hexagon, the ratio of the length of a diagonal to the side length is.                              | <b>A. 2:1</b><br>B. 3:2<br>C. 2:3<br>D. 4:1  |
| 15 | The solution of inequality $x < 1$ is   | <b>A. 1</b><br>B. 0<br>C. -1<br>D. 10  |
| 16 | The logarithm of any numebr to itself as base is  | A. Congruent   |

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| 17 | The angle bisectors of the angles of a triangle are                               | B. Collinear<br>C. Concurrent<br>D. Parallel                                  |
| 18 | In similar figures corresponding angles are congruent and corresponding sides are | A. Congruent<br>B. Parallel<br>C. Perpendicular<br>D. Proportional            |
| 19 | Venn diagram is useful only in case of.   | A. Universel set<br>B. Subsets<br>C. Abstract sets<br>D. Concrete sets        |
| 20 | Factors of $3x^2 - x - 2$ are   | A. $(x+1)(3x-2)$<br>B. $(x+1)(3x+2)$<br>C. $((x-1)(3x-2)$<br>D. $(x-1)(3x+2)$ |