

## Mathematics 9th Class English Medium Online Test

| Sr | Questions   | Answers Choice   |
|----|---|--|
| 1  | Which of the following cannot be constructed with compass.                                    | A. 15 <sup>o</sup> B. 30 <sup>o</sup> C. 45 <sup>o</sup> D. 95 <sup>o</sup>  |
| 2  | Whcih number syste was used by the sumerians.   | A. Decimal B. Hexadecimal C. Sexagesimal D. Binary   |
| 3  | Log 100=  | A. 2<br>B. 3<br>C. 1<br>D. 10  |
| 4  | Product of LCM and HCF =of two polynomial   | A. Sum B. Difference C. Product D. Quotient  |
| 5  | log (0)=  | A. Positive B. Zero C. Uderfined D. Negative   |
| 6  | If the sum of interior angles of a rgular polygon is 1440 $^{\rm o}$ then number of sides are | A. 8<br>B. 10<br>C. 12<br>D. 14  |
| 7  | The solutin region restricted to the first quadrant is called                                 | <ul><li>A. Obective region</li><li>B. Feasible region</li><li>C. Solution region</li><li>D. Constraints region</li></ul> |
| 8  | A set containing no element is called   | A. Empty set B. Subset C. Singleton set D. Super set   |
| 9  | The factors of 4x <sup>2</sup> -12 y +9 are   | A. (2x +3)2<br>B. (2x -3)2<br>C. (2+3x)(2-3x)2<br>D. (2x-3)(2x+3)  |
| 10 | The hexadecimal system has a base of.   | A. 2<br>B. 10<br>C. 16<br>D. 60  |
| 11 | The ortho center of an acute triangle liesof triangle.  | A. Inside B. Outdise C. Midpoint D. Vertex of  |
| 12 | The slope line $x/3 + y/2 = 1$ is   | A. 2/3<br>B 2/3<br>C3/2<br>D. 3/2  |
| 13 | Locus of points equidistant fromtwo fixed points is.  | A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel lines  |
| 14 | The midpont of a line segment with endoints(-2,4) and (6, -2) is.                             | A. (4,2) B. (2.1) C. (1,1) D. (0,0)  |
| 15 | A cumulative frequency means of frequencies   | A. Sum B. Difference C. Product D. Quotient  |

| 16 | Ratio has  | A. Fixed B. No symbol C. No unit D. No importance                            |
|----|--|--|
| 17 | Corner point is also called  | A. Code B. Vertex C. Curve D. Region   |
| 18 | In a data the values which appears or occurs most often is called. | A. Mean B. Mode C. Median D. Weighted mean                                   |
| 19 | The graph of inequalty x< 0 is half plane                          | A. Lower<br>B. Upper<br>C. Right<br>D. Left                                  |
| 20 | The chance of occurrence of a particular event is called.          | A. Sample space B. Estimated pobability C. Probability D. Expected frequency |