

10th Class Math English Medium Online Test For Full Book

| Sr | Questions | Answers Choice |
|----|---|--|
| 1 | Roots of following equation are: 9x ² -4x+1=0: | A. Real, Equal B. Real, Unequal C. Imaginary D. Irrational |
| 2 | A 4cm long chord subtends a central angle of 60°. The radial segment of this circle is: | A. 1 B. 2 C. 3 D. 4 |
| 3 | Any portion of the circumference will be known as of the circle: | A. A chord B. An arc C. A tangent D. An angle |
| 4 | If the incentre and circumcenter of a triangle coincide the triangle is: | A. Right angle B. Scaleve C. Isosceles D. Equilateral |
| 5 | Sec ² θ = | A. 1-Sin ² θ B. 1+tan ² θ C. 1+cos ² θ D. 1-tan ² θ |
| 6 | The range of R = $\{(1, 3), (2, 2), (3, 1), (4, 4)\}$ is: | A. {1, 2, 4} B. {3, 2, 4} C. {1, 2, 3, 4} D. {1, 3, 4} |
| 7 | Question Image | A. 9 B. 7 C. 5 D. 3 |
| 8 | Product of cube roots of unity is: | A. 0 B. 1 C1 D. 3 |
| 9 | The nth positive root of the product of the $x_1, x_2, x_3, \dots, x_{11}$ observation is called. | A. Mode B. Mean C. Geometric mean D. Median |
| 10 | Question Image | A. 4.13 B. 3.14 C. 15.4 D. 17.3 |
| 11 | Diameter of a a circle divides it into many parts? | A. two B. three C. four D. countless |
| 12 | $\sin^2\theta + \cos^2\theta = \dots$ | A. tan ² θ B. Cos ² θ C. 1 D. 0 |
| 13 | What is radius in circle ? | A. Perimeter B. Half the diameter C. Segment line |
| | | A. I B. II |
| 14 | In which quadrant only $tan\theta$ and $cot\theta$ are positive. | C. III D. IV |
| 15 | Variance is denoted by | A. V B. S C. S ² D. X |
| | | |

| 16 | The observation that divide a data set into four equal part, are called. | A. Decites B. Quartiles C. Percentiles D. Mode |
|----|---|---|
| 17 | Question Image | |
| 18 | If $tan\theta = \sqrt{3}$ then θ is equal to . | A. 30 ^o B. 45 ^o C. 60 ^o D. 90 ^o |
| 19 | On the basic of types of variable of data, the types of frequency distribution are. | A. 2 B. 3 C. 4 D. 5 |
| 20 | The circular region bounded by two radii and the corresponding arc is called: | A. Circumference of a circle B. Sector of a circle C. Diameter of a circle D. Segment of a circle |