## 10th Class Math English Medium Online Test For Full Book

| Sr | Questions | Answers Choice |
|---|---|---|
| 1 | If the angles subtended by two chords of a circle (or congruent circles) at the centre (corresponding centre) are equal, the _____ are equal: | A. Lines<br>B. Segments<br>C. Chords<br>D. Arcs |
| 2 | To solve (x+a)(x+b)(x+c)(x+d) = k, we have: | A. a-b=b-c<br>B. a-b=c-d<br>C. a+b=c+d<br>D. a-c=b-c |
| 3 | If { x\|x=p/q, q≠0,p,q∈Z} then this is a _____ | A. Set of even numbers<br>B. Set of rational number<br>C. Set of irraional numbers<br>D. Set of integers |
| 4 | Diameter of a a circle divides it into many parts? | A. two <br>B. three <br>C. four <br>D. countless  |
| 5 | If R = {(0,0),(8,2),(10,3),(14,12)}, then Dom R = _____ | A. {0,8,10,14}<br>B. {0,2,3,12}<br>C. {8,10,4}<br>D. {0,10} |
| 6 | $1+\cot^2\theta$ | A. $\sin^2\theta$<br>B. $\cos^2\theta$<br>C. $\csc^2\theta$<br>D. $\sec^2\theta$ |
| 7 | Question Image | |
| 8 | If f is a function from A to B, then f is one - one function if: | A. Range f≠ A<br>B. Range f = B<br>C. Dom f = A<br>D. Second element of all ordered pairs contained in f is not repeated. |
| 9 | The sum of 30 observations is 1500. Its average will be: | A. 1500<br>B. 150<br>C. 15<br>D. None of these |
| 10 | The extent of variation between two extreme observations of a data set is measured by: | A. Average<br>B. Range<br>C. Quartiles |
| 11 | If two circles touch each other, their centres and point of contact are: | A. Coincident<br>B. Non-collinear<br>C. Collinear |
| 12 | The length of a tangent to a circle is from the given point to the point of: | A. start point <br>B. enc points <br>C. contact <br>D. collinear |
| 13 | If 12, p and 3 are in continued proportion, then p = | |
| 14 | If A and B are two disjoint sets then A∪ b = _____ | A. A<br>B. B<br>C. ∅<br>D. B∪ A |
| 15 | If set A has all its elements common with set B then set A is called...............set. | A. Sub<br>B. Overlapping<br>C. Disjoint<br>D. Super |
| 16 | if A∩ b =∅, then set A and B are .................sets. | A. sub<br>B. over kaooubg<br>C. Disjoint<br>D. Power |
| | | A. Rationaland equal |

| | | |
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| 17 | The nature of the root of equation $x^2-5x+5=0$ | B. Irrationaland unequal<br>C. Irrationaland equal<br>D. Rationaland unequal |
| 18 | The observation that divide a data set into four equal part, are called. | A. Decites<br>B. Quartiles<br>C. Percentiles<br>D. Mode |
| 19 | If $A \subseteq B$ then $A \cup B =$ _____ | A. A<br>B. B<br>C. $\varnothing$<br>D. None of these |
| 20 | If $b^2-4ac > 0$, but not a perfect square then roots of $ax^2+bx+c=0$ are: | A. Imaginary<br>B. Rational<br>C. Irrational<br>D. None of these |