

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

| Sr | Questions   | Answers Choice  |
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| 1  | A father's age 4 times of his son's age. If the age of son is 20 year's, then the age of father is:   | A. 60<br>B. 80<br>C. 100<br>D. 40   |
| 2  | A matrix consisting of only one row is called a:  | A. row matrix<br>B. column matrix<br>C. scalar matrix<br>D. rectangular matrix  |
| 3  | Median to the equal sides of an isosceles triangle are:   | A. congruent<br>B. equal<br>C. similar<br>D. unequal  |
| 4  | An irrational number that contains a radical sign is called:  | A. Polynomial<br>B. surd<br>C. equality<br>D. inequality  |
| 5  | A point in the first quadrant Charactrized by the fact that both its co-ordinate are                  | A. Zero<br>B. Positive<br>C. Negative<br>D. Both Positive and Negative  |
| 6  | if $a + b = 8$ and $a - b = 3$ , then $ab = ?$  | A. -40<br>B. 24<br>C. 18<br>D. 8  |
| 7  | What should be added in $a^2 + 4c$ to make it a complete square?                                      | A. $2a$<br>B. $4c^2$<br>C. $4c$<br>D. $2c^2$  |
| 8  | A line segment joining a vertex to the midpoint of the side opposite to the vertex is called:         | A. altitude to the triangle<br>B. side bisector of the triangle<br>C. angle bisector if the triangle<br>D. median to the triangle |
| 9  | A triangle with two equal sides is called an:   | A. isosceles triangle<br>B. obtuse triangle<br>C. scalene triangle<br>D. acute triangle   |
| 10 | Who gave idea of plane:   | A. John Napier<br>B. Jobst burgi<br>C. Descartes<br>D. Arthur cayley  |
| 11 | <div style="border: 1px solid black; padding: 2px; display: inline-block;">Question Image</div>       | A. Distance formula<br>B. Colliear point<br>C. Non Colliear point<br>D. Equal point   |
| 12 | $1kl = ?$   | A. $1 m^3$<br>B. $106cm^3$<br>C. $109mm^3$<br>D. $lm^3$   |
| 13 | The general form of a cubic polynomial is:  | A. $ax^2 + bx + c$<br>B. $ax + b$<br>C. $ax^4 + bx^3 + cx^2 + dx + e$<br>D. $ax^3 + bx^2 + cx + d$                                |
| 14 | Point on the axis do not lie in any.  | A. A plane<br>B. Line<br>C. quadrant<br>D. circle   |
| 15 | The square of the hypotenuse is equal to the sum of the square of two sides this statement is called: | A. Factor theorem<br>B. Hero's formula<br>C. Ration formula<br>D. Pythagoras theorem  |

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| 16 | Which matrix is said to be additive identity of any matrix:   | A. scalar matrix<br>B. diagonal matrix<br>C. zero matrix<br>D. unit matrix   |
| 17 | if $P(x) = 4x^3 + 3x^2 + 5x + 1$ , then $P(1)$ as:            | A. 13<br>B. 15<br>C. 17<br>D. 19   |
| 18 | Which of the following is a pure surd?                        | A. $4\sqrt{3}$<br>B. $5\sqrt{7}$<br>C. $\frac{1}{7}\sqrt{3}$<br>D. 4   |
| 19 | Two matrices are conformable for addition if they are of the: | A. same order<br>B. different order<br>C. order $2 \times 2$<br>D. order $3 \times 3$  |
| 20 | $1kl = ?$   | A. $1 m^{\sup>3\</sup>}$<br>B. $10^{\sup>6\</sup>cm^{\sup>3\</sup>}$<br>C. $10^{\sup>9\</sup>mm^{\sup>3\</sup>}$<br>D. $1 m^{\sup>4\</sup>}$ |