

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

| Sr | Questions | Answers Choice |
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| 1 | If two matrices have same order and their corresponding elements are equal then they are called: | A. equal matrices B. unequal matrices C. scalar matrices D. rectangular matrices |
| 2 | A parallelogram containing a right angle is called a: | A. quadrilateral B. square C. rectangle D. equilateral |
| 3 | H.F.C of $8xy^2z^3$ and $12x^2y^2z^2$ is: | A. $4x^2y^2z^2$ B. $4xy^2z^2$ C. $8xy^2z$ D. $8xyz$ |
| 4 | If the sum of two angles is 90° then the angles are called: | A. supplement of each other B. complement of each other C. inverse of each other D. reflex of each other |
| 5 | Root which are not the solution of the original equation but they are obtained in the solution are called: | A. Real roots B. extraneous roots C. constants D. variable solvents |
| 6 | Diagonal of a square with side is: | A. $1/2a$ B. $2a$ C. $\sqrt{2}a$ D. $4a$ |
| 7 | The opposite angles of a parallelogram are: | A. congruent B. similar C. equal D. right angle |
| 8 | The volume of a sphere is: | A. $\frac{4}{3}\pi r^3$ B. $\frac{1}{3}\pi r^2 h$ C. $\frac{4}{3}\pi r^2 h$ D. $\pi r^2 h$ |
| 9 | The altitude of a triangle are: | A. concurrent B. collinear C. non-collinear D. non-concurrent |
| 10 | Area has dimensions; | A. one B. two C. three D. four |
| 11 | Factorization of $x^3 - 6x^2 + 12x - x$ is: | A. $(x + 2)^3$ B. $(x - 2)^3$ C. $x^3 + 23$ D. $x^3 - 23$ |

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| 12 | The solution set of absolute equation $ x - 3 = 5$ is: | <ul style="list-style-type: none"> A. (2,8) B. (-2,8) C. (-2,-8) D. (2,-8) |
| 13 | The square of the hypotenuse is equal to the sum of the square of two sides, this statement is called: | <ul style="list-style-type: none"> A. Factor theorem B. Hero's formula C. Ratio formula D. pythagoras theorem |
| 14 | if $P(x) = 4x^3 + 3x^2 + 5x + 1$, then $P(1)$ as: | <ul style="list-style-type: none"> A. 13 B. 15 C. 17 D. 19 |
| 15 | Supplementary angle (straight) is equal to: | <ul style="list-style-type: none"> A. 90° B. 30° C. 180° D. 120° |
| 16 | If $x - a$ is the factor of $P(x)$, then $P(a)$ will be: | <ul style="list-style-type: none"> A. 0 B. 1 C. -a D. a |
| 17 | Any value of the variable which makes the equation a true statement is called the: | <ul style="list-style-type: none"> A. equation B. inequality C. variable D. solution |
| 18 | Point (-2,4) lies in: | <ul style="list-style-type: none"> A. I-quadrant B. II-quadrant C. III-quadrant D. IV-quadrant |
| 19 | Which matrix has no multiplicative inverse? | <ul style="list-style-type: none"> A. unit matrix B. singular matrix C. non - singular matrix D. diagonal matrix |
| 20 | Question Image <input type="text"/> | |