

FA Part 2 Mathematics Chapter 4 Test Online

Sr	Questions	Answers Choice
1	Distance of the point (-3, 7) from x-axis is:	A. 3 B. -3 C. 7 D. 10
2	If the inclination of a line lies between $]90^\circ, 180^\circ[$, then the slope of line is :	A. Positive B. Negative C. Zero D. undefined
3	$y = mx + c$ is the equation of straight line in:	A. Slope-intercept form B. Two points from C. Point slope form D. Intercepts form
4	If a pair of opposite sides of a quadrilateral are equal and parallel then it is:	A. Rectangle B. Rhombus C. Parallelogram D. None of these
5	The ratio in which y-axis divides the line joining (2, -3) and (-5, 6) is:	A. 2 : 3 B. 2 : 5 C. 1 : 2 D. 3 : 5
6	The point of intersection of the perpendicular bisectors of a triangle is called:	A. Centroid B. Ortho-center C. Circums-center D. In-center
7	The line $y = a$ is below the x-axis, if:	A. $a > 0$ B. $a < 0$ C. $a = 0$
8	$ax + by + c = 0$, will represent equation of straight line parallel y-axis if:	A. $a = 0$ B. $b = 0$ C. $c = 0$ D. $a = 0, c = 0$
9	$x = 4$ is a line:	A. Parallel to x - axis B. Parallel to y - axis C. Perpendicular to y-axis D. None of these
10	General form of equation of line is:	A. $ax - by + c = 0$ B. $ax + by - c = 0$ C. $ax + by + c = 0$ D. $ax - by - c = 0$
11	If in the case of translation of axes, O (-3, 2), $(x, y) = (-6, 9)$ then $(X, Y) =$	A. (-3, 9) B. (-3, 7) C. (-9, 11) D. (3, 7)
12	The point of intersection of the medians of a triangle is called:	A. Centroid B. Ortho-center C. Circums-center D. In-center
13	X-coordinate of any point on Y-axis:	A. 0 B. x C. y D. 1
14	$y - y_1 = m(x - x_1)$ is the equation of straight line in:	A. Slope-intercept from B. Point-slope from C. Normal form D. Intercepts form
15	The point of intersection of the altitudes of a triangle is called:	A. Centroid B. Ortho-center C. Circums-center D. In-center

16	Point of intersection of lines $x - 2y + 1 = 0$ and $2x - y + 2 = 0$ equals:	A. (1, 0) B. (0, 1) C. (-1, 0) D. (0, -1)
17	Equation of a line parallel to x-axis:	A. $x = 0$ B. $x = y$ C. $y = a$ D. $x = a$
18	Distance of the point (-2, 3) from y-axis is:	A. -2 B. 2 C. 3 D. 1
19	The symbol \parallel is used for:	A. Parallel lines B. Perpendicular lines C. Non-parallel lines D. None of these
20	If (1, x) is the mid point of the line segment joining the points (1, 2) & (1, 6) then x =	A. 1 B. 2 C. 3 D. 4