

FA Part 2 Mathematics Chapter 4 Test Online

0	Overtions	A Oh sie e
Sr 1	Questions General form of equation of line is:	Answers Choice A. $ax - by + c = 0$ B. $ax + by - c = 0$ C. $ax + by + c = 0$ D. $ax - by - c = 0$
2	Question Image	A. 4 B. 2 C. 1
3	The point of intersection of the medians of a triangle is called:	A. Centroid B. Ortho-center C. Circums-center D. In-center
4	Question Image	A. Line parallel to x-axis B. Line parallel to y-axis C. Line passing through the origin D. Both (a) and (b)
5	The point $(5, 8)$ lies the line $2x - 3y + 6 = 0$	A. Above B. Below C. On D. None
6	If the lien I is parallel to y-axis, then the slope of I is	A. 0 B. 1 C1 D. undefined
7	The centroid of a triangle is a point that divides each median in the ratio:	A. 2:1 B. 2:3 C. 1:3 D. 4:3
8	In the translation of axes which formula is true:	A. x = X + h B. X = x + h C. x + X = h D. None
9	ax + by + c = 0 has matrix from as:	B. ax + by = -c C. [ax + by] = [c] D. [ax - by] = [-c]
10	Inclination of X-axis or of any line parallel to X-axis is:	A. Zero D. Undefined
11	The point of intersection of internal bisectors of the angles of a triangle is called:	A. Centroid B. Ortho-centers C. Circums-center D. In-center
12	The ratio in which the line segments joining $(2, 3)$ and $(4, 1)$ is divided by the line joining $(1, 3)$ and $(4, 3)$ is:	A. 2:1 B. 3:1 C. 1:2 D. 1:1
13	X-coordinate of any point on Y-axis:	A. 0 B. x C. y D. 1
14	The line y = c is above the x - axis, if:	A. c > 0 B. c < 0 C. c = 0
15	y = 2x + 3 is the;	A. Slope-intercept form B. Two points form C. Point slope form D. Intercepts form
16	For any point (x, y) and y - axis:	A. y = 0 B. y = -1 C. y = 1 D. x = 0

17	The distance of any point P (x, y) from the origin $O(0, 0)$ is given by:	
18	The line I is horizontal if and only if slope is equal to:	A. 0 B. 1 C. 2 D. undefined
19	Question Image	D. 2
20	The centroid of the triangle whose vertices are (3, -5), (-7, 4) and (10, -2) is:	A. (-2, -2) B. (-2, 2) C. (2, -1) D. (0, 0)