

FA Part 2 Mathematics Full Book Test Online

Sr	Questions	Answers Choice
1	Question Image	A. 0
2	A line segment having both the end-points on a circle and not passing through the center is called a:	A. A chord B. A secant C. A diameter D. None of these
3	x = c is a vertical line parallel to	A. x-axis B. y-axis may be C. y-axis D. None of these
4	The equation $x^2 + y^2 + 2x + 3y = 10$ represents a:	A. A pair of lines B. Circle C. Ellipse D. Hyperbola
5	Question Image	A. Even B. Odd C. One-one D. Zero
6	Question Image	A. Free vector B. Unit vector C. Null vector D. None of these
7	Question Image	A. sin x Bcos x Csin x D. cos x
8	If a function f is from a set X to a set Y, then set X is called the of f:	A. Domain B. Range C. Co-domain D. None of these
9	A line through a point say P perpendicular to the tangent to the curve at P is called:	A. Straight line B. Tangent line C. Normal line D. None of these
10	The distance of any point $P(x, y)$ from the origin $O(0, 0)$ is given by:	
11	The graph of the the parabola x^2 = 4ay lies in quadrant:	A. I and II B. III and IV C. II and III D. I and III
12	$f(x) = \sin x + \cos x$ is function:	A. Even B. Odd C. Composite D. Neither even nor odd function
13	$x = 3 \cos t$, $y = 3 \sin t$ represent	A. Line B. Circle C. Parabola D. Hyperbola
14	The radius of point circle is:	A. 0 B. (0, 0) C. r D. 1
15	The equi. of latus-rectum of the parabola $y^2 = -4ax$ is:	A. x = a B. x = -a C. y = a D. y = -a
16	The vertex of the parabola $y^2 = 4ax$ is:	A. (-a, 0) B. (a, 0) C. (0, -a) D. (0, 0)

17	Inclination of X-axis or of any line parallel to X-axis is:	A. Zero D. Undefined
18	The inequality y > b is the open half plane to the of the boundary line y = b:	A. Above B. Left C. Below D. Right
19	Question Image	A. 0 B. 1 C1 D. 2
20	In the case of translation of axes which formula is true:	A. x = X - h B. x = X + h C. x + X = h D. None