

FSC Part 2 Mathematics Full Book Online Test

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Sr	Questions	Answers Choice
1	Question Image	A. 2cosh x B. 2sinh x C. 2sinh (2x) D2sinh (2x)
2	In the translation of axes which formula is true:	A. x = X + h B. X = x + h C. x + X = h D. None
3	Question Image	
4	Two real and distinct tangents can be drawn to a circle from any point $P(x_1, y_1)$ the circle:	A. Inside B. On C. Outside D. None of these
5	The function $f(x) = 3x^2$ has minimum value at :	A. x = 3 B. x = 2 C. x = 1 D. x = 0
6	Question Image	A. e ^{ax} B. f(x) C. e ^{ax} f(x) D. e ^{ax + f(x)}
7	Question Image	A. 1 B. 2 C. 3 D. 4
8	Question Image	A. 1 B. 2 C. 3 D. 0
9	Question Image	
10	Question Image	A. Implicit B. Explicit C. Exponential D. Logarithmic
11	If the directed distances AP and PB have same signs, then their ratio is positive and P is said to divide AB:	A. Internally B. May be divide C. Externally D. None of these
12	The equ. of directrix of the parabola $y^2 = -4ax$ is:	A. x = a B. x = - a C. y = a D. y = -a
13	Question Image	A. Constant function B. Absolute linear function C. Linear function D. Quadratic function
14	A function, in which the variables are numbers, then function is called a real valued function of real numbers.	A. Complex B. Rational C. Real D. None of these
15	Question Image	C. 2 D. 1
16	Question Image	A. Line parallel to x - axis B. Line parallel to y - axis C. Inclined D. Both (a) and (b)
17		
17	Question Image	
17	Question Image]

18	Question image	
19	Distance of the point (-3, 7) from x-axis is:	A. 3 B3 C. 7 D. 10
20	X-coordinate of any point on Y-axis:	A. 0 B. x C. y D. 1