

ECAT Mathematics MCQ's Test For Full Book

1			
1 Inverse of the function y-10x is	Sr	Questions	Answers Choice
2 In (x + iy), y is called as C. Real part D. None of above C. (3, 4) C. (3, 4) D. (3	1	Inverse of the function y-10x is	B. y=lnx C. x=10y
8	2	In (x + iy), y is called as	B. Complex number C. Real part
4 If a=5j + 2j,b=2i -3j, then a+2b = B	3	Roots of the equation $x^2 + 7x + 12 = 0$ are	B. {-3, 4} C. {3, 4}
S 3-12 C 1+2 D 1-2	4	If a=5j + 2j,b=2i -3j, then a+2b =	B. √97 C. √39
6 If A=B, then B. A⊆B and B≤A D. None of these C. A⊆B and B≤A D. None of these R. A⊆B and B≤A D. None of these R. A⊆B and B≤A D. None of these R. A⊆B and B≤A D. None of these A. Band B≤A D. None of these D. Band B≤A D. None of these A. C. Span style="color right" A D. None of these A. J/k BWy C. None of these A. Span style="color right" A D. None of th	5	Question Image	B. 3 +2i C. 1 + 2i
8	6	If A=B, then	B. A⊆B and B⊈A C. A⊆B and B⊆A
8	7	Question Image	
9 Q∪ Q' =	8	(2, 1) is in the solution of the inequality	B. x - y > 2 C. 3x + 5y < 6
10 If x² + y² = 1, then dy/dx Bxy C. 1/x D. None of these A < >> -	9	Q U Q' =	B. Q' C. N
34); font-family: ",Times New Roman"; font-size: 24px, text-align: center; background-color: rgb(255, 255, 248);"> Sypan-8tl; x &tl 4 B <i>>= (>span style="font-family: " Times New Roman" font-size: 24px, color: rgb(255, 255, 248);"><i>>= (>span style="font-family: " Times New Roman" font-size: 24px, color: rgb(34, 34, 34); text-align: center; background-color: rgb(255, 255, 248);"><= (>span style="font-family: " Times New Roman" font-size: 24px, color: rgb(34, 34, 34); text-align: center; background-color: rgb(255, 255, 248);"><= (>span style="font-family: " Times New Roman" font-size: 24px, color: rgb(34, 34, 34); text-align: center; background-color: rgb(255, 255, 248);"><= (>span style="font-family: " Times New Roman" font-size: 24px, color: rgb(34, 34, 34); text-align: center; background-color: rgb(255, 255, 248);"><= (>span style="font-family: " Times New Roman" font-size: 24px, color: rgb(34, 34, 34); text-align: center; background-color: rgb(255, 255, 248);"><= (>span style="font-family: " Times New Roman" font-size: 24px, color: rgb(255, 255, 248);"><= (>span style="font-family: " Times New Roman" font-size: 24px, color: rgb(255, 255, 248);"><= (>span style="font-family: " Times New Roman" font-size: 24px, color: rgb(255, 255, 248);"><= (>span style="font-family: " Times New Roman" font-size: 24px, color: rgb(255, 255, 248);"><= (>span style="font-family: " Times New Roman" font-size: 24px, color: rgb(255, 255, 248);"><= (>span style="font-family: " Times New Roman" font-size: 24px, color: rgb(255, 255, 248);"><= (>span style="font-family: " Times New Roman" font-size: 24px, color: rgb(255, 255, 248);"><= (>span style="font-family: " Times New Roman" font-size: 24px, color: rgb(255, 255,</i></i>	10	If $x^2 + y^2 = 1$, then dy/dx	Bx/y C. 1/x
12 Question Image D. none of these	11	The solution set of $x < 4$ is	34); font-family: "Times New Roman"; font-size: 24px; text-align: center; background-color: rgb(255, 255, 248);"> <i>>< x < 4 B<i>></i>&qt x &qt 4 C<i>></i>< x < 2 D<i>></i>< x < 2 D<i>></i></i>
	12	Question Image	D. none of these

13	If A is a set then any subset R of A x A is called	A. relation on A B. relation on B C. relation from A to B D. relation from B to A
14	A sequence whose reciprocal is an A.P is called	A. Oscillator B. H.P C. G.P D. None of these
15	Question Image	A. 120 B. 5 C. 4 D. 6
16	The sets {1, 2, 4} and {4, 6, 8, 10} are	A. Equal setsB. Equivalent setsC. Disjoint setsD. Over lapping sets
17	Question Image	A. Orthogonal B. Involutary C. Idempotent D. Nilpotent
18	General solution of $1 + \cos x = 0$ is	
19	Which of the following points is a pont of intersection of the curve $x+y=8$ and the straight line $2x - y = 2$.	A2,-2 B. 2,2 C. 0.4,2.8 D. 0,1
20	Function is a special type of	A. relation B. ordered pairs C. Cartesian product D. Set