

ECAT Pre General Science Mathematics Online Test

A and B be two square matrices and if their inverse exist, the (AB) ⁻¹ = B. AB ⁻¹ C. A ⁻¹ B	Sr	Questions	Answers Choice
2 The element range of sequence are called C. Members C. D. Terms 3 A and B be two square matrices and if their inverse exist, the (AB)*¹= C. ASSup-1*-(Sup)*B. ABROWN-1*-(Sup)*B. ABROWN-1*-(Sup)*B. B. ABROWN-1*-(Sup)*B. D. B. Sup)*-1*-(Sup)*B. D. B. Sup)*-1*-(Sup)	1	Question Image	
3 A and B be two square matrices and if their inverse exist, the (AB)¹= B. ASsup>-1 < Sup>-1 < Sup	2	The element range of sequence are called	B. progression C. Members
5 The ratio in which the line y- x+ 2 = 0 divides the line joining (3,-1) and (8,9) is A 2:3 B2:3 C. 3:2 D3:2 D3:2 6 If a parabola opens down, then its vertex is at the A Right of the parabola D. Earth of the parabola D. Earth of the parabola D. Earth of parabola D. Earth of parabola D. Earth of the parabola D. Earth of th	3	A and B be two square matrices and if their inverse exist, the (AB) ⁻¹ =	A. A ⁻¹ B ⁻¹ B. AB ⁻¹ C. A ⁻¹ B D. B ⁻¹ A ⁻¹
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6 If a parabola opens down, then its vertex is at the C. Lowest point on the parabola D. Highest D	5	The ratio in which the line y- $x+ 2 = 0$ divides the line joining (3,-1) and (8,9) is	B2:3 C. 3:2
7 Three right angles is the angle of measure B. 180° C. 90° D. 270° 8 Question Image A An empty set B. Universal set C. A singleton set D. None of these 9 The value of i ⁴ⁿ⁺¹ A.1 B1 C. I. D. I sup>2 10 Question Image B. 405 / 256 D. 450 / 259 D. 450 / 259 D. 450 / 259 D. 450 / 263 D. None 11 Question Image A. 2 x 3 B. 3 x 2 D. 5 x 2 D.	6	If a parabola opens down, then its vertex is at the	B. Left of parabola C. Lowest point on the parabola
8. Diviersal set C. A singleton set D. None of these 9 The value of i⁴n+1 10 Question image 11 Question image 12 The order of the matrix A is 3 x 5 and that of B is 2 x 3. The order of the matrix BA is D. S x 2 C. 2 x 5 D. S x 2 13 1⁰= A 360′ B. 60′ C. 60′ D. 3600′ 14 Question image 15 Question image 16 Question image 17 Question image 18 Question image 19 D. None 10 A 1 B1 C. 5 D. 2 A 1 B1 C. 5 D. 2 B. Sini 2x + c Cs in 2x + c Cs in 2x + c C5 D. 2 17 Question image	7	Three right angles is the angle of measure	B. 180° C. 90°
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12 The order of the matrix A is 3 x 5 and that of B is 2 x 3. The order of the matrix BA is A 2 x 3 B 3 x 2 C 2 x 5 D 5 x 2 13 10=	10	Question Image	B. 504 / 259 C. 450 / 263
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13 1 ⁰ =	12	The order of the matrix A is 3×5 and that of B is 2×3 . The order of the matrix BA is	B. 3 x 2 C. 2 x 5
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18 Question Image	16	Question Image	B1 C. 5
	17	Question Image	
19 Question Image	18	Question Image	
	19	Question Image	

20 A function f is said to be an even if f(-x) =

A. 0 B. 1 C. f(x) D. -f(x)