

NAT II Physical Science Mathematics

Sr	Questions	Answers Choice
1	A fraction in which the degree of the numerator is less than the degree of the denominator is called	A. Polynomial B. Proper fraction C. Rational fraction D. Mixed fraction
2	If any two rows (or any two columns) of a square matrix are inter changed, the determinant of the resultant matrix is	A. Same as the original determinant B. Additive inverse of the original determinant C. Both A and B D. Adj of the original matrix
3	Question Image	
4	Question Image	A. Both A,B have the same number of columns B. Both A and B do not have the same order C. Number of col A is same as number of rows of B D. Number of rows of A is same as number of col of B
5	Question Image	
6	Question Image	
7	In general matrices do not satisfy	A. Commutative law w.r.t multiplication B. Associative law w.r.t addition C. Distributive law w.r.t addition D. Multiplication of a scalar with the matrix
8	Question Image	
9	Question Image	
10	Which is an explicit function	D. All
11	Question Image	
12	$\frac{3}{2}$ is	A. An irrational number B. Whole number C. A positive integer D. A rational number
13	Question Image	
14	The multiplicative inverse of -1 in the set $\{-1, 1\}$ is	A. 1 B. -1 C. $\frac{1}{-1}$ D. 0
15	120 degrees are equal to how many radians?	
16	Which of the following is the equation of a line with slope 0 and passing through the point (4, 3)	A. $X = 4$ B. $X = -4$ C. $Y = 3$ D. $Y = -6$
17	Question Image	D. None of these
18	0 (Zero) is	A. An irrational number B. A rational number C. A negative integer D. A positive number
19	The number of diagonals of a six sided figure are	A. 9 B. 6 C. 12 D. 3

A. Angle of elevation

If you are looking a high point from the ground, then the angle formed is

- B. Angle of depression
 - C. Right angle
 - D. Horizon
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