

NAT II Physical Science Mathematics

Sr	Questions	Answers Choice
1	Question Image	A. Nilpotent matrix B. Singular matrix C. Non singular matrix D. Diagonal matrix
2	Question Image	B3/4 C. 1/16 D. 1/4
3	The complement of set A relative to universal set U is the set	D. A - U
4	Question Image	A. A positive integer B. A negative integer C. A natural number D. An irrational number
5	Question Image	
6	Question Image	
7	Question Image	A. 1 B. 2 C. 3 D. 4
8	Question Image	
9	Write the first four terms of the arithmetic sequence if a_1 = 5 and other three consecutive terms are 23,26,29	A. 23, 26, 29, 32 B. 5, 8, 11, 14 C. 8, 11, 14, 17 D. None of these
10	The length of rectangle is twice as much as its breadth. If the perimeter is 120 cm, the length of the rectangle is	A. 10 cm B. 20 cm C. 30 cm D. 40 cm
11	Question Image	
12	Which of the following integrals can be evaluated	
13	Question Image	
14	The number of ways in which we can courier 5 packets to 10 cities is	A. 2 x 5 ⁰ B. 5 ¹⁰ C. 10 ⁵ D. 2 ¹⁰
15	Question Image	
16	Question Image	A. 10 B. 20 C. 40 D. 26
17	Question Image	A. 1 B. 2 C. 3 D. 4
18	Question Image	
19	Question Image	A. An irrational number B. Whole number C. A positive integer D. A rational number
20	Which is not a half plane	A. ax + by < c B. ax + by > c C. Both A and B D. None