

NAT II Physical Science Mathematics

Sr	Questions	Answers Choice
1	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 1/2 B. 3/5 C. 4/5 D. 1
2	The curves $y = x^2$, $y = x$ intersect at	A. (0,0) , (1, 1) B. (2, 4) D. (0,3), (-1, 1)
3	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 30 B. 45 C. 60 D. 90
4	The nth term of of A.P:1,5,9,15,..... is given by	A. $4n - 3$ B. $4n + 1$ C. $3n - 4$ D. $4n + 3$
5	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
6	The sum of the series $1+5+9+13+17+21+25+29$ is	A. 140 B. 130 C. 120 D. 110
7	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. $Y = -6$
8	If the angle of a triangle are in the ratio 2:3:7, the triangle is	A. Obtuse B. Acute C. Right angle D. Isosceles
9	Question Image <input style="width: 500px; height: 20px;" type="text"/>	D. None of these
10	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
11	If in isosceles right angled triangle, one side is a then hypotenuse is	C. a D. cannot be determined by given information
12	The associative angle of 280° is	A. 100 B. 10 C. 80 D. -80
13	Which of the vectors have opposite direction?	D. Both A and B
14	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 1 B. 2 C. 3 D. 4
15	If the diagonal of a square has coordinates (1, 2) and (5,6) the length of a side is	A. 3 B. 4 C. 1

C. 1
D. 5

16 The range of inequality $x + 2 > 4$ is

A. (-1, 2)
B. (-2, 2)
D. None

17 In Binomial Expansion the coefficients of the terms equidistant from beginning and end of the expansion are

A. Zero
B. Same
C. Equal to preceding term
D. Equal to following term

18 The multiplicative inverse of -1 in the set $\{1, -1\}$ is

A. 1
B. -1
C. $\frac{1}{-1}$
D. 0

19 Question Image

20 Question Image