

NAT I Computer Science Mathematics

Sr	Questions	Answers Choice
1	$1+2+3+\dots+n=?$	A. $\frac{n(n+1)}{2}$ B. $n+1/2$ C. $\frac{n(n+1)(2n+1)}{6}$ D. $n^{3/3}$
2	There are 30 Red balls and 25 Green balls in a bag of a ball is drawn from the bag randomly what is the probability that a Blue ball comes out?	A. 1 B. 0.5 C. 0 D. None
3	There are 30 Red, 20 Green and some Blue bells in a bag if the probability of finding a Red ball is $\frac{1}{3}$, how many are red balls in the bag	A. 120 B. 20 C. 40 D. 90
4	Given eight points in a plane no three of which are collinear how many lines do the points determine?	A. 16 B. 64 C. 28 D. 36
5	How many different arrangements of the letters in the word QABABA are Possible?	A. 720 B. 40 C. 60 D. 30
6	Corola available in 5 models 8 colours and 3 sizes how many Corola must a local dealer have on hand in order to have one of each kind available?	A. 24 B. 120 C. 16 D. 39
7	How many elements are in the sample space of two rolling dies	A. 6 B. 12 C. 18 D. 36
8	A standard deck of 52 cards shuffled what is the probability of choosing the queen of the diamonds	A. $\frac{1}{5}$ B. $\frac{1}{13}$ C. $\frac{5}{52}$ D. $\frac{1}{52}$
9	If $P(E)$ is the probability that an event will occur then $P(E)=$	A. 1 B. 0.5 C. 2 D. 0
10	The number of ways in which 5 distinct toys can be distributed among 3 children is	A. 3^5 B. 5^3 C. $5^3 \times 3$ D. $3^5 \times 3$