

NAT I Engineering Quantitative

Sr	Questions	Answers Choice
1	$(60)^2 = ? \times 7$	A. 3600 B. 3528 C. 0.02 D. 50
2	$1.02 - 0.02 + ? = 1.842$	A. 0.222 B. 0.842 C. 2 D. None
3	Dave is twice as old as Bob, who is 3 years older than Steve. If Steve is 4a years old, Dave's age is:	A. 8a B. 22a C. 14a D. 8a+6
4	$\sqrt{169} / 196 \times 14 / \sqrt{1521} = ?$	A. 13/42 B. 1/13 C. 42/5 D. 1/42
5	What is the number of 5% of which is 10 ?	A. 200 B. 100 C. 50 D. 10
6	A and B can do a job in 6 day. If A do the job alone he takes 10 days. What will be the time required by B to complete the job alone ?	A. 8 B. 6 C. 15 D. 3
7	If you have 50 green , 50 orange, and 50 yellow jelly beans, how many bags can you fill for Halloween each containing 2 green, 3 orange, and 4 yellow jelly beans?	A. 12 B. 13 C. 16 D. 17
8	David receives his allowance on Sunday. He spends 1/4 of his allowance on Monday and 2/3 of the remainder on Tuesday. What part of his allowance is left for the rest of the week ?	A. 2/3 B. 4/5 C. 6/7 D. 1/4
9	The average height of a class of 14 days is 5.3 feet. After new boy is admitted to the class ,the new average height now becomes 5.25. What is the height of the new boy?	A. 4.55 B. 5.0 C. 6.0 D. 3.5
10	$7/3 \div 35/18 \div 54/20 = ?$	A. 49/4 B. 4/9 C. 4/63 D. 81/35
11	Question Image <input type="text"/>	A. 5 B. 10 C. 110 D. 125
12	$1 \frac{3}{4} - 1 \frac{3}{5} = ?$	A. 0.16 B. 0.2 C. 0.15 D. 13/20
13	If Myra had bowling scores of b + 6, b - 2, b + 4, and b - 5, what must she score in the next game to get an overall average of b + 2 ?	A. b + 7 B. b - 3 C. b + 3 D. b - 7
14	Question Image <input type="text"/>	A. 40 B. 50 C. 90 D. 130
15	Question Image <input type="text"/>	A. 4π B. 18π C. 28π D. 32π

16	An angle is 30° more than one-half its complement. Find the angle.	A. 20 ^o B. 30 ^o C. 50 ^o D. 60 ^o
17	If $a^2 - b^2 = 36$ and $a - b = 12$ then average of 'a' and 'b' is?	A. 3 B. 12 C. 6 D. $\frac{3}{2}$
18	A factory employs M men and W women. What part of its employees are women ?	A. $\frac{W}{W+M}$ B. $\frac{W}{M}$ C. $\frac{(W+M)}{M}$ D. $\frac{M}{W}$
19	t is an integer than 5. The expression that must represent an odd integer is:	A. $1(t+1)$ B. $9t-1$ C. t^2 D. $2t-3$
20	If a machine can place a cap on a bottle of soda every 0.8 seconds, how many bottles can be capped in 2 hours?	A. 8000 B. 9000 C. 300 D. 900
