

NAT II Management Science Quantitative

Sr	Questions	Answers Choice
1	In a school there are 400 students, of whom 70% are boys. What is the number of girls?	A. 120 B. 200 C. 280 D. 2800
2	If the radius of the circle is halved, then its area	A. Remains same B. Become half C. Become quarter D. Become double E. Not changed
3	$1250 \div 25 \times 0.5 = ?$	A. 25 B. 50 C. 2.5 D. 100
4	$816 - 288 \div = 24 ?$	A. 22 B. 828 C. 528 D. 804
5	$x + y = 17$ and $x = 2$ then value of y ?	A. 13 B. 15 C. 19 D. 10
6	A word processing operator typed 44 words per minute. After practice, the operator's speed increased to 55 words per minutes. By what percent did the operator's speed increase?	A. 25% B. 50% C. 15% D. 20%
7	$\sqrt{256} \div \sqrt{64} = ?$	A. 1/4 B. 26/8 C. 16 D. 4
8	$.007 \div \sqrt{.000049}$	A. 1 B. .0049 C. 2 D. 7
9	If a pipe can fill a tank in 2 hours and another pipe can fill the same tank in 40 minutes. How much time in minutes is needed to fill the tank if both the pipes are working together?	A. 90 B. 50 C. 60 D. 30
10	$(60)^2 = ? \times 72$	A. 36 B. 3600 C. 40 D. 50
11	One half of the employs of Al Karim Co. earn salaries sabove Rs.18,000 monthly. One third of the reminder earn salaries between Rs.15,000 and Rs.18,000. What part of the staff earns below Rs.15,000?	A. 2/3 B. 1/3 C. 2/5 D. 3/5
12	Which of the following is closest tot he square root of 1/2?	A. 0.7 B. 0.6 C. 0.8 D. 0.25 E. 0.5
13	What part of an hour clapes between 10:45 a.m. and 11:09 a.m.?	A. 2/5 B. 3/5 C. 11/12 D. 2
14	If $3(p + 5q) = 24$, then what is the value of q , when $p = 3$?	A. 1 B. 5 C. 9 D. 3 E. 7
		A. 210 B. 220

- 15 If Adil can finish a job in 5 hours and Moeed can finish the same job in 10 hours, how many minutes will it take both of them together to finish the job?
A. 150
B. 160
C. 200
D. 160
E. 180
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- 16 What is the percent profit made on the sale of 1000 shares of stock bought at Rs. 10 per share and sold at Rs. 12 per share?
A. 2%
B. 0.2%
C. 25%
D. 20%
E. 41%
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- 17 A team played 30 games of which it won. What part of the games played did it lose?
A. 1/5
B. 5/6
C. 6/5
D. 5
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- 18 The value of $x^2 + 5x + 6$ at $x = 2$ is?
A. 10
B. 14
C. 18
D. 20
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- 19 $1/x = 1/y + 1/z$ then 'x' in terms of 'y' and 'z' is given by?
A. $(y + z) / (y - z)$
B. $yz / (y + z)$
C. $(y + z) / yz$
D. $1/z - 1/y$
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- 20 If $3a - 5 = 3 + 2a$, then $a =$
A. 8
B. 9
C. 10
D. 12
E. 6