

NAT II Oriental & Islamic Studies Quantitative

Sr	Questions	Answers Choice
1	When $3x^2 + 5x + 7$ is subtracted from $x^2 + 8x + 3$ the result is?	A. $5x^2 - 3x + 4$ B. $3x - 2x^2 - 4$ C. $x^2 + 8x + 10$ D. $11x^2 - 3x + 10$
2	$0.027 \div 90 = ?$	A. 0.0003 B. 0.03 C. 3 D. 0.00003
3	One half of the employees of Al Karim Co. earn salaries above Rs. 18,000 monthly. One third of the remainder earn salaries between Rs. 15,000 and Rs. 18,000. What part of the staff below Rs. 15,000?	A. $\frac{2}{3}$ B. $\frac{1}{3}$ C. $\frac{2}{5}$ D. $\frac{3}{5}$
4	What part of an hour elapses between 10: 45 a.m and 11:09 a.m?	A. $\frac{2}{5}$ B. $\frac{3}{5}$ C. $\frac{11}{12}$ D. 2
5	The population of a city increased in two years from 25,000 to 30,000; find the percent increase during the time.	A. 10% B. 20% C. 40% D. 5%
6	If the ratio of $x : y$ is $9 : 7$, then $x + y$ is	A. 16 B. 2 C. 1 D. None of the above
7	$1.02 - 0.02 + ? = 1.842$	A. 0.222 B. 0.842 C. 2 D. None
8	$x + y = 17$ and $x = 2$ then value of y ?	A. 13 B. 15 C. 19 D. 10
9	If $x + 2y = 11$ and $x + y = 10$ the value of y is?	A. 1 B. 2 C. 3 D. 4
10	If a man's weekly salary is \$ X and saves \$ Y . What part of his weekly salary does he spend?	A. $\frac{X}{Y}$ B. $\frac{X-Y}{X}$ C. $\frac{Y-X}{X}$ D. $x-y$
11	If 10 tractors are needed to plow a field in 4 hours, how many tractors are needed below to plow the field in 5 hours?	A. 32 B. 4 C. 16 D. 8
12	What part of an hour elapses between 10:45 a.m. and 11:09 a.m.?	A. $\frac{2}{5}$ B. $\frac{3}{5}$ C. $\frac{11}{12}$ D. 2
13	The area of the circle is 16π . The length of the diameter of the circle is	A. 2 B. 32 C. 4 D. 16 E. 8
14	If $4x - y = 13$ and $3x - 2y = 7$ then what is the average of 'x' and 'y'?	A. 4 B. 3 C. 2 D. 6
15	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. 200%

D. 20%
E. 41%

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- 16 The average (arithmetic mean) of $8a + 5$, $-3a$, 9 , 0 and $7a - 2$?
A. $3a + 1$
B. $3a + 3$
C. $4a + 1$
D. $4a + 4$
E. $12a + 12$
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- 17 $x\sqrt{0.09} = 3$; $x = ?$
A. 10
B. $\frac{1}{3}$
C. $\frac{1}{10}$
D. 1
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- 18 A team played 30 games of which it won. What part of the games played did it lose?
A. $\frac{1}{5}$
B. $\frac{5}{6}$
C. $\frac{6}{5}$
D. 5
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- 19 A man bought 27 packets of Chilli Milli at \$280 each, 9 packets of Chilli Milli at \$320 each and 6 packets of Chilli Milli at \$360 each. Find the average price per packet of Chilli Milli.
A. \$250
B. \$300
C. \$400
D. \$380
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- 20 $2244 \div 0.88 = ? \times 1122$
A. 20.02
B. 20.2
C. 19.3
D. 2.27
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