

## NAT II Oriental & Islamic Studies Quantitative

Sr	Questions	Answers Choice
1	$x\sqrt{0.09} = 3; x = ?$	A. 10 B. 1/3 C. 1/10 D. 1
2	$72 + 679 + 1439 + 537 + ? = 4036$	A. 1309 B. 1208 C. 2308 D. 2423
3	If a man's weekly salary is \$X and saves \$Y. What part of his weekly salary does he spend?	A. XY B. X-Y/X C. Y-X/X D. x-y
4	The ratio from 5 feet to 3 inches is	A. 3/5 B. 5/3 C. 3/60 D. 1/20 E. 20
5	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
6	15% of 32 equal	A. 3.80 B. 2.50 C. 4.80 D. 4 E. 5
7	If $2x + y = 11$ and $3x + 2y = 17$ then y is?	A. 1 B. 5 C. 6 D. 4
8	$1/x = 1/y + 1/z$ 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. $1/z - 1/y$
9	If $(x + 1/x)^2 = 96$ what is the value of $x^2 + 1/x^2$ ?	A. 94 B. 98 C. 100 D. 90
10	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
11	$(60)^2 = ? \times 72$	A. 36 B. 3600 C. 40 D. 50
12	$x + y = 17$ and $x = 2$ then value of y?	A. 13 B. 15 C. 19 D. 10
13	If $3p + 2 = 12$ , then $p - 1/3$ equals:	A. 10 B. 3 C. 10/3 D. 4 E. 12
14	A man opens a bookstall with a capital of Rs. 25000. In three months his capital amounts to rupees 27500. What is the increase percent?	A. 1% B. 10% C. 20% D. 7%
		A. 3/5

15	A motion was passed by a vote of 5: 3. What part of the votes cast was in favor of the motion?	B. $\frac{5}{8}$ C. $\frac{3}{8}$ D. $\frac{5}{3}$
16	Find the arithmetic mean of 25.2, 13.5, 18.5, and 34.8	A. 13 B. 23 C. 27 D. 5
17	$? \times 12 = 75\% \text{ of } 336$	A. 48 B. 252 C. 28 D. 21
18	David receives his allowance on Sunday. He spends $\frac{1}{4}$ of his allowance on Monday and $\frac{2}{3}$ of the remainder on Tuesday. What part of his allowance is left for the rest of the week?	A. $\frac{2}{3}$ B. $\frac{4}{5}$ C. $\frac{6}{7}$ D. $\frac{1}{4}$
19	If $x + 3y = 7$ and $2x + y = 5$ then $\frac{x}{y}$ is?	A. $\frac{1}{2}$ B. $\frac{1}{3}$ C. $\frac{2}{5}$ D. $\frac{8}{9}$
20	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. $11x^2 - 3x + 10$