

NAT II Oriental & Islamic Studies Quantitative

Sr	Questions	Answers Choice
1	If $3p + 2 = 12$, then $p - 1/3$ equals:	A. 10 B. 3 C. 10/3 D. 4 E. 12
2	$0.027 \div 90 = ?$	A. 0.0003 B. 0.03 C. 3 D. 0.00003
3	If $3a - 5 = 3 + 2a$, then $a =$	A. 8 B. 9 C. 10 D. 12 E. 6
4	A motion was passed by a vote of 5: 3. What part of the votes cast was in favor of the motion?	A. 3/5 B. 5/8 C. 3/8 D. 5/3
5	Find the sum of money, 11% of which is Rs. 1650.	A. 150 B. 3300 C. 25000 D. 15000
6	$(60)^2 = ? \times 7$	A. 3600 B. 3528 C. 0.02 D. 50
7	$2.08 - (0.5)^2 = ?$	A. -1.20 B. 1.88 C. 1.83 D. 2.16
8	A and B can do in 6 days. If A does 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
9	Question Image <input style="width: 200px; height: 20px;" type="text"/>	A. 1.425 B. 1.585 C. 1.330 D. 0.750 E. 1.750
10	What part of an hour elapses between 10: 45 a.m and 11:09 a.m?	A. 2/5 B. 3/5 C. 11/12 D. 2
11	$? \times 12 = 75\% \text{ of } 336$	A. 48 B. 252 C. 28 D. 21
12	$1/x = 1/y + 1/z$ 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. $1/z - 1/y$
13	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%
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%
15	If $X = 10\% \text{ of } Y$ and $Y = 10\% \text{ of } Z$. What part of his wealth does he have?	A. XY B. XZ C. YZ D. XZ

15	If a man's weekly salary is $\$X$ and saves $\$Y$. What part of his weekly salary does he spend?	B. $X-Y/X$ C. $Y-X/X$ D. $x-y$
16	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
17	The value of $x^2 + 5x + 6$ at $x = 2$ is?	A. 10 B. 14 C. 18 D. 20
18	$1250 \div 25 \times 0.5 = ?$	A. 25 B. 50 C. 2.5 D. 100
19	If $x + 3y = 7$ and $2x + y = 5$ then x/y is?	A. $1/2$ B. $1/3$ C. $2/5$ D. $8/9$
20	The annual decrease in the population of a city was 10% and the present number of inhabitants is 1620. What was the population 2 years hence?	A. 20 B. 400 C. 2000 D. 1000