

NAT II Oriental & Islamic Studies Quantitative

Sr	Questions	Answers Choice
1	Mr. Kashif got an average of 50 in 6 tests. What should he get in the next to attain the average of 60?	A. 120 B. 60 C. 100 D. 70
2	$x^2 = 1681$, $x = ?$	A. 31 B. 41 C. 51 D. 61
3	If $x + 3y = 7$ and $2x + y = 5$ then x/y is?	A. 1/2 B. 1/3 C. 2/5 D. 8/9
4	$2x^2y$ when multiplied with $x^2 + y^2$ gives?	A. $2x^3y^3 + 2xy^3$ B. $2x^4y + 2x^2y^3$ C. $2xy^2 + 2x^2y$ D. $2xy^3 + 2x^3y$
5	$Ay - b = c - dy$ what is 'y' in terms of 'a', 'b' and 'c'?	A. 30 B. 38/2 C. 38/3 D. 38/5
6	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. 2/3 B. 1/3 C. 2/5 D. 3/5
7	12% of $x = 360$	A. 250 B. 100 C. 400 D. 3000
8	12 is $3/4$ of what number?	A. 20 B. 24 C. 16 D. 8
9	A team played 30 games of which it won. What part of the games played did it loss?	A. 1/5 B. 5/6 C. 6/5 D. 5
10	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
11	$2/3 \times 12 =$	A. 4 B. 6 C. 8 D. 10 E. 18
12	A factory employs M men and W women. What part of its employees are women?	A. $W/(W + M)$ B. W/M C. $(W + M)/M$ D. M/W
13	If the area of rectangle is 12, then its perimeter is	A. 6 B. 7 C. 8 D. 12 E. Cannot be determined from the given information
14	$? \times 12 = 75\% \text{ of } 336$	A. 48 B. 252 C. 28 D. 21
		A. 2/5 - - -

15	What part of an hour elapses between 10: 45 a.m and 11:09 a.m?	B. $\frac{3}{5}$ C. $\frac{11}{12}$ D. 2
16	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. $11x^2 - 3x + 10$
17	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%
18	The value of $(x + y)^2 - (x - y)^2$ is?	A. 4 B. $(x^2 + y^2)$ C. $4xy$ D. $-4xy$
19	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%
20	A motion was passed by a vote of 5: 3. What part of the votes cast was in favor of the motion?	A. $\frac{3}{5}$ B. $\frac{5}{8}$ C. $\frac{3}{8}$ D. $\frac{5}{3}$