

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	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
3	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
4	$.007 \div \sqrt{.000049}$	A. 1 B. .0049 C. 2 D. 7
5	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
6	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%
7	If $x + 2y = 11$ and $x + y = 10$ the value of y is?	A. 1 B. 2 C. 3 D. 4
8	$350 - 96 \div 18 = ?$	A. 318 B. -132 C. 328 D. 232
9	How many miles are there between two cities if the distance is represented by a 2.4-inch line on a map having a scale of 1 inch to 8 miles?	A. 19.2 B. 12.8 C. 8.5 D. 38
10	$1250 \div 25 \times 0.5 = ?$	A. 25 B. 50 C. 2.5 D. 100
11	$72 + 679 + 1439 + 537 + ? = 4036$	A. 1309 B. 1208 C. 2308 D. 2423
12	$12\% \text{ of } x = 360$	A. 250 B. 100 C. 400 D. 3000
13	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%
14	If $3a - 5 = 3 + 2a$, then $a =$	A. 8 B. 9 C. 10 D. 12 E. 6
15	$x\sqrt{0.09} = 3 \cdot x = ?$	A. 10 B. 1/3 C. 1/10

16 $816 - 288 \div = 24 ?$
A. 22
B. 828
C. 528
D. 804

17 Maria's test scores were 96, 97, 86, 98 and 92. What would he need on his next test to have an average of 94?
A. 92
B. 90
C. 95
D. 100
E. 98

18 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

19 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

20 $1/2 \text{ of } 44 \div 2.2 = ?$
A. 20
B. 22
C. 44
D. 100