

## NAT II Oriental & Islamic Studies Quantitative

Sr	Questions	Answers Choice
1	A piece of fabric is cut into three sections so that the first is three times as long as the second and the second is three times as long as the third. What part of the entire piece is the smallest section?	A. 2/5 B. 3/7 C. 2/3 D. 1/13
2	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
3	A man has Rs. 2000 and spends 18% of it. What money has he left now?	A. 3600 B. 820 C. 1640 D. 4000
4	$\frac{3}{4}$ of 432 = ?	A. 340 B. 232 C. 324 D. 316
5	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
6	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
7	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
8	If $x\%$ of 60 = 48, then $x = ?$	A. 80 B. 60 C. 90 D. 40
9	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%
10	$1.02 - 0.02 + ? = 1.842$	A. 0.222 B. 0.842 C. 2 D. None
11	The value of $(x + y)^2 - (x - y)^2$ is?	A. 4 B. $(x^2 + y^2)$ C. $4xy$ D. $-4xy$
12	A man spent 10% of his money. After spending 60% of the remainder he has Rs. 72 left. How much had he in the start?	A. 10 B. 100 C. 200 D. 400
13	$(60)^2 = ? \times 72$	A. 36 B. 3600 C. 40 D. 50
14	The value of $(x + y)^2 + (x - y)^2$ is?	A. 4 B. $2(x^2 + y^2)$ C. $4xy$ D. $-4xy$
15	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

16  $350 - 96 \div 18 = ?$

- A. 318
- B. -132
- C. 328
- D. 232

17 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

18 The population of 8 villages is 900, 750, 1100, 1050, 1250, 555, and 630. Find the population of Ninth village if the average population of Nine villages is 900.

- A. 1200
- B. 1050
- C. 1030
- D. 7070

19 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

20 Find the sum of money, 11% of which is Rs. 1650.

- A. 150
- B. 3300
- C. 25000
- D. 15000