

NAT II Oriental & Islamic Studies Quantitative

Sr	Questions	Answers Choice
1	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
2	$816 - 288 \div = 24 ?$	A. 22 B. 828 C. 528 D. 804
3	The value of $(x + y)^2 - (x - y)^2$ is?	A. 4 B. $(x^2 + y^2)$ C. $4xy$ D. $-4xy$
4	$0.027 \div 90 = ?$	A. 0.0003 B. 0.03 C. 3 D. 0.00003
5	$x\sqrt{0.09} = 3; x = ?$	A. 10 B. 1/3 C. 1/10 D. 1
6	$2.08 - (0.5)^2 = ?$	A. -1.20 B. 1.88 C. 1.83 D. 2.16
7	Which of the following is closest to the square root of $1/2$?	A. 0.7 B. 0.6 C. 0.8 D. 0.25 E. 0.5
8	If $x + 2y = 11$ and $x + y = 10$ the value of y is?	A. 1 B. 2 C. 3 D. 4
9	Find the arithmetic mean of 25.2, 13.5, 18.5, and 34.8	A. 13 B. 23 C. 27 D. 5
10	$(x + y)^2 = 25$ and $x^2 + y^2 = 13$ then xy is equal to?	A. 16 B. 20 C. 18 D. 6
11	A number which is divisible by both 6 and 8 is also divisible by	A. 7 B. 5 C. 11 D. 9 E. 24
12	$1.02 - 0.02 + ? = 1.842$	A. 0.222 B. 0.842 C. 2 D. None
13	$Ay - b = c - dy$ what is 'y' in term of 'a', 'b' and 'c'?	A. $(c + b)/(a + d)$ B. $(c - b)/(a + d)$ C. $(c - b)/(a + d)$ D. $(c + b)/(a - d)$
14	David receives his allowance in Sunday. He spends $1/4$ of his allowance on Monday and $2/3$ of the remainder on Tuesday. What part of his allowance is left for the rest week?	A. $2/3$ B. $4/5$ C. $6/7$ D. $1/4$
15	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. ...

16	$Ay - b = c - dy$ what is 'y' in terms of 'a', 'b' and 'c'?	A. 30 B. $38/2$ C. $38/3$ D. $38/5$
17	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
18	David receives his allowance on Sunday. He spends $1/4$ of his allowance on Monday and $2/3$ of the remainder on Tuesday. What part of his allowance is left for the rest of the week?	A. $2/3$ B. $4/5$ C. $6/7$ D. $1/4$
19	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
20	A man has Rs. 2000 and spends 18% of it. What money has he left now?	A. 3600 B. 820 C. 1640 D. 4000
