NAT II Oriental & Islamic Studies Quantitative

Sr	Questions	Answers Choice
1	If 3a - 5 = 3 + 2a, then a =	A. 8 B. 9 C. 10 D. 12 E. 6
2	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%
3	$(190)^2 - (150)^2 = ?$	A. 58600 B. 13600 C. 1360 D. 1600
4	$(x + y)2 = 25$ and $x2 + y2 = 13$ then xy is equal to?	A. 16 B. 20 C. 18 D. 6
5	If 'x' and 'y' are positive and $1/x = 3 + 1/y$ is 'x' greater than 'y'?	A. Yes B. No C. It cannot be determind D. They are equal
6	$350 - 96 \div 18 = ?$	A. 318 B. -132 C. 328 D. 232
7	$2244 \div 0.88 = ? \times 1122$	A. 20.02 B. 20.2 C. 19.3 D. 2.27
8	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
9	Which of the following is closest tot he square root of 1/2?	A. 0.7 B. 0.6 C. 0.8 D. 0.25 E. 0.5
10	If p = 2, then $3^p + (p^3)^2 =$	A. 18 B. 45 C. 42 D. 70 E. 73
11	$1250 \div 25 \times 0.5 = ?$	A. 25 B. 50 C. 2.5 D. 100
12	x + y = 17 and x = 2 then value of y?	A. 13 B. 15 C. 19 D. 10
13	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
14	12% of x = 360	A. 250 B. 100 C. 400 D. 3000
		A. 22

15	$816 - 288 \div = 24 \ ?$	B. 828 C. 528 D. 804
16	$0.027 \div 90 = \ ?$	A. 0.0003 B. 0.03 C. 3 D. 0.00003
17	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
18	$(60)^2 = \ ? \times 7$	A. 3600 B. 3528 C. 0.02 D. 50
19	$25 \ \% \ \text{of} \ 4 \div 4\% \ of \ 25 = \ ?$	A. 1 B. 3 C. 0 D. 67
20	$\sqrt{256} \div \sqrt{64} = \ ?$	A. 1/4 B. 26/8 C. 16 D. 4