NAT II Oriental & Islamic Studies Quantitative

Sr	Questions	Answers Choice
1	The average height of a class of 14 boys is 5.3 feet. After new boy is admitted to the class, the new average height now becomes 5.25. What is the height of the new boy?	A. 4.55 B. 5.0 C. 6.0 D. 3.5
2	The ratio from 5 feet to 3 inches is	A. 3/5 B. 5/3 C. 3/60 D. 1/20 E. 20
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	$2244 \div 0.88 = ? \times 1122$	A. 20.02 B. 20.2 C. 19.3 D. 2.27
5	Find the sum of money, 11% of which is Rs. 1650.	A. 150 B. 3300 C. 25000 D. 15000
6	$816 - 288 \div = 24 ?$	A. 22 B. 828 C. 528 D. 804
7	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%
8	If x = 7y + 3 and z = 49y2 then what is 'z' in terms of x?	A. X2 B. x2- 3 C. (x - 3)2/7 D. None
9	$x\sqrt{0.09} = 3; x = ?$	A. 10 B. 1/3 C. 1/10 D. 1
10	$(60)^2 = ? \times 72$	A. 36 B. 3600 C. 40 D. 50
11	If 3p + 2 = 12, then p - 1/3 equals:	A. 10 B. 3 C. 10/3 D. 4 E. 12
12	The average (arithmetic mean) of 8a + 5, -3a, 9, 0 and 7a - 2?	A. 3a + 1 B. 3a + 3 C. 4a + 1 D. 4a + 4 E. 12a + 12
13	3/4 of 432 = ?	A. 340 B. 232 C. 324 D. 316
14	$1250 \div 25 \times 0.5 = ?$	A. 25 B. 50 C. 2.5 D. 100
		A. 2x3y3+ 2xy3

15	2x2y when multiplied with x2+ y2gives?	B. 2x4y + 2x2y3
		C. 2xy2 + 2x2y
		D. 2xy3+ 2x3y

16	David recieves his allowance in Sunday. He spends 1/4 of his allowance on Monday and 2.3 of the reminder 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

17	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

18	$? \times 12 = 75\% \, of \, 336$	A. 48
		B. 252
		C. 28
		D. 21

19	The circumference of a circle whose diameter is 6 inches is approximately	A. 22 inches
		B. 19 inches
		C. 14 inches
		D. 38 inches
		E. 16 inches

20	Out of the 44 boys in a class 9 are of the age of 10, 15 at the age of 9, and the rest are at the age of 8. Find their average age.	A. 7.85
		B. 8.75
		C. 12.2
		D. 14.35