NAT II Oriental & Islamic Studies Quantitative

Sr	Questions	Answers Choice
1	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
2	Successive discounts of 10% and 15% is equivalent to a single discount of	A. 24% B. 24.5% C. 23.5% D. 22% E. 25%
3	If p = 2, then $3^p + (p^3)^2 =$	A. 18 B. 45 C. 42 D. 70 E. 73
4	What is 1/5% of 5000	A. 10 B. 12 C. 16 D. 1000 E. 5000
5	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
6	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
7	If Adil can finish a job in 5 hours and Moeed can finish the same job in 10 hours, how many minutes will it take both of them together to finish the job?	A. 210 B. 220 C. 200 D. 160 E. 180
8	If 3p + 2 = 12, then p - 1/3 equals:	A. 10 B. 3 C. 10/3 D. 4 E. 12
9	A number which is divisible by both 6 and 8 is also divisible by	A. 7 B. 5 C. 11 D. 9 E. 24
10	If 3(p + 5q) = 24, then what is the value of q, when p = 3?	A. 1 B. 5 C. 9 D. 3 E. 7
11	If the radius of the circle is halfed, then its area	A. Remains same B. Become half C. Become quarter D. Become double E. Not changed
12	2/3 x 12 =	A. 4 B. 6 C. 8 D. 10 E. 18
13	What is the percent profit made on the sale of 1000 shares of stock bought at Rs. 10 per	A. 2% B. 0.2%

13	share and sold at Rs. 12 per share?	C. 25% D. 20% E. 41%
14	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
15	If 3a - 5 = 3 + 2a, then a =	A. 8 B. 9 C. 10 D. 12 E. 6
16	15% of 32 equal	A. 3.80 B. 2.50 C. 4.80 D. 4 E. 5
17	The ratio from 5 feet to 3 inches is	A. 3/5 B. 5/3 C. 3/60 D. 1/20 E. 20
18	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
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