NAT I Medical Quantitative

Sr	Questions	Answers Choice
1	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 determined D. They are equal
2	When $3x^2+5x+7$ is subtracted from x^2+8x+3 the result is?	A. 5x²-3x+4 B. 3x-2x²-4 C. x²+8x+10 D. 11x²+3x+10
3	In Myra had bowling scores of b+6, b-2, b+4, and b-5. what must she score in the next game to get overall average of b+2?	A. b+7 B. b-3 C. b+3 D. b-7
4	If (36)(?)(7)=21, then ? equals	A. 21/43 B. 1/42 C. 1/12 D. 1/11
5	If x% of 60 =48, then x=?	A. 80 B. 60 C. 90 D. 40
6	$(190)^2 - (150)^2$=?	A. 58600 B. 13600 C. 1360 D. 1600
7	Question Image	A. 25/32 B. 7/8 C. 32/25 D. 11/10
8	One-sixth of a day is what part of the time between 3 p.m. Monday and 3 a.m. Thursday of the same week?	A. 1/10 B. 1/18 C. 1/15 D. 1/12
9	Find the sum of money,11% of which is Rs.1650.	A. 150 B. 3300 C. 25000 D. 15000
10	If the redius of a circle is increased by 20% then the area is increased by	A. 44% B. 120% C. 144% D. 40%
11	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. 90 C. 60 D. 30
12	72 + 679 + 1439 + 537 + ?=4036	A. 1309 B. 1208 C. 2308 D. 2423
13	If abc= 2 and a = c then b =	A. a² B. 1/2a C. 2/a² D. 2-a²
14	Mr.Kashif got an average of 50 in 6 tests. What should he get in the next test to attain the average of 60?	A. 120 B. 60 C. 100 D. 70
15	A man has Rs. 2000, and spends 18% of it. What money has he left now ?	A. 3600 B. 820 C. 1640 D. 4000

16	1250÷ 25 x 0.5 = ?	A. 25 B. 50 C. 2.5 D. 100
17	Change 27/7 to a mixed number.	A. 6 1/3 B. 7 1/2 C. 3 6/7 D. 2 1/7
18	x + y =17 and x=2, then value of y?	A. 13 B. 15 C. 19 D. 10
19	$(x+y)^2=25$ and $x^2+y^2=13$ then xy is equal to?	A. 16 B. 20 C. 18 D. 6
20	11/3 + 8/3 + 17/3	A. 14 B. 12 C. 11 D. 15