NAT I Medical Quantitative

Sr	Questions	Answers Choice
1	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
2	If (p-3)(p+5)>(p-3)(p+8), what is the best description of p ?	A. p = 3 B. - 8 < p < - 5 C. p = { } D. p < 3
3	If x% of 60 =48, then x=?	A. 80 B. 60 C. 90 D. 40
4	What is the number of 5% of which is 10 ?	A. 200 B. 100 C. 50 D. 10
5	If x + 2y =11 and x + y =10 the value of y is:	A. 1 B. 2 C. 3 D. 4
6	Question Image	A. a-180 B. 2a-180 C. 180-2a D. 180-b
7	If the ratio of x : y is 9 : 7, then x+y is	A. 16 B. 2 C. 1 D. None
8	The value of $\{0.5^4 - 0.4^4\} / \{0.5^2 + 0.4^2\}$ is?	A. 0.9 B. 0.09 C. 0.19 D. 0.31
9	A word processing operator typed 44 words per minute. After practice, the operator's speed increased to 55 words per minutes. By what percent did the operator's speed increase ? (25%)	A. 25% B. 50% C. 15% D. 20%
10	x + y =17 and x=2, then value of y?	A. 13 B. 15 C. 19 D. 10
11	Change 4 4/2 to an improper fraction:	A. 14/3 B. 11/3 C. 24/3 D. 10/3
12	t is an integer greater than 5. The expression that must represent an odd integer is	A. t(t+1) B. 3t-1 C. t² D. 2t-3
13	A man bought 27 packets of Chilli Milli at $280 each, 9 packets of Chilli Milli at $320 each and 6 packets of Chilli Milli at $360 each. Find the average price per packet of Chilli Milli.	A. $250 B. $300 C. $400 D. $380
14	If (p-3) (p+4) > (p-3)(p+8) , what is the best description of p?	A. p=3 B. -8<p<-5 C. p={ } D. p<3
15	5/3 + 7/6 +9/3 +7/2 =?	A. 28/3 B. 112/3 C. 28/12 D. 14/7

16	2x2y when multiplied with $x^2 + y^2$ gives ?	A. 2x²y³ + 2xy³ B. 2x⁴y+ 2x²y³ C. 2xy²+ 2x²y D. 2xy³+ 2x³y
17	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
18	If p is a negative integer and $P^2 + 11p = t$, a value of t could be	A. 12 B. 18 C. -18 D. 11
19	If $(x+1/x)^2=96$ what is the value of $x^2 + 1/x^2$?	A. 94 B. 98 C. 100 D. 90
20	11/3 + 8/3 + 17/3	A. 14 B. 12 C. 11 D. 15