

## NAT I Medical Quantitative

Sr	Questions	Answers Choice
1	0.007÷√0.000049	A. 1 B. 0.0049 C. 2 D. 7
2	How many tens are equal to the number whose hundreds, tens, and units digits are a,b,c, respectively?	A. b B. a+1/10b+1/100c C. 10a+b+c D. 10a+b+c/10
3	A and B can do a jobs in 6 days. If A does the job alone he takes 10 days. What will be time required by B to complete the job alone?	A. 8 B. 6 C. 15 D. 3
4	Question Image	A. b-180 B. b-90 C. 180-a/2 D. 180-a
5	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
6	If 10 tractors are needed to plow a field in 4 hours, how many tractors are needed to plow the field in 5 hours?	A. 32 B. 4 C. 16 D. 8
7	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
8	Four people are asked to stand in a straight line. In how many different orders can they line up?	A. 12 B. 16 C. 24 D. 6
9	Find the value of x if 3:b=x:c.	A. 3b/c B. c/3b C. 2c/3b D. 3c/b
10	One half of the employees of Al Karim Co. earn salaries above Rs. 18,000 monthly. One third of the remainder earn salaries between Rs. 15,000 and Rs. 18,000. What part of the staff earns below Rs. 15,000?	A. 2/3 B. 1/3 C. 2/5 D. 3/5
11	A man has Rs.2000 and spends 18% of it. What money has he left now?	A. 3600 B. 820 C. 1640 D. 4000
12	The value of $x^2$ + 5x +6 at x=2 is:	A. 10 B. 14 C. 18 D. 20
13	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?	A. 25% B. 50% C. 15% D. 20%
14	If $x + 2y = 11$ and $x + y = 10$ the value of y is:	A. 1 B. 2 C. 3 D. 4
15	Find the value of x if $3:b=x:c$ .	
16	If a pipe can fill a tank in 2 hours and another pipe can fill the same tank in 40 minutes. How	A. 90 B. 90

	much time in minutes is needed to fill the tank if both the pipes are working together?	C. 60 D. 30
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 of 8. Find their average age.	A. 7.85 B. 8.75 C. 12.2 D. 14.35
18	Question Image	A. 30 B. 39 C. 80 D. 78
19	If (36)(?)(7)=21, then ? equals	A. 21/43 B. 1/42 C. 1/12 D. 1/11
20	√169 /196 x 14/√1521 =?	A. 13/42 B. 1/13 C. 42/5 D. 1/42