

NAT I Medical Quantitative

Sr	Questions	Answers Choice
1	Question Image	A. a B. 90-a C. 180-a/2 D. 180-a
2	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
3	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%
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5	2x2y when multiplied with $x^2 + y^2$ gives ?	A. 2x ² y ³ + 2xy ³ B. 2x ⁴ y+ 2x ² y<5xup>3 C. 2xy ² + 2x ² + 2x ² + 2x ² y D. 2xy ³ + 2x ³ + 2x ³ + 2x ³ + 2x ³ y
6	(44 x 3) + 128 + 120 / 9.5 - 94.7	A. 380 B. 10 C. 76.12 D. 100
7	The annual decrease in the population of a city was 10% and the present number of inhabitants is 1620. What was the population 2 years hence?	A. 20 B. 400 C. 2000 D. 1000
8	What is the number of 5% of which is 10 ?	A. 200 B. 100 C. 50 D. 10
9	2.08 - (0.5) ² =?	A1.20 B. 1.88 C. 1.83 D. 2.16
10	The value of $(x+y)^2$ - $(x-y)^2$ is?	A. 4 B. x ² +y ² C. 4xy D4xy
11	The average height of a class of 14 days 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
12	In solving an arithmetic example, Donna, by mistake multiplied by 6 instead of dividing by 6. If her anser was 13 1/5, what should be the correct answer to the example?	A. 2 8/11 B. 5/66 C. 2 1/5 D. 11/30
13	Ay-b=c,dy what is 'y' in terms of 'a', 'b' and 'c'?	A. (c+b) / (a+d) B. (c-b) / (a+d) C. (c-b) / (a+d) D. (c+b) / (a-d)
14	$x\sqrt{0.09} = 3: x = ?$	A. 10 B. 1/3 C. 1/10 D. 1

15	The population of a city increased in two years from 25,000 to 30,000; find the percent increase during the time.	A. 10% B. 20% C. 40% D. 5%
16	Find the sum of money,11% of which is Rs.1650.	A. 150 B. 3300 C. 25000 D. 15000
17	0.007÷√0.000049	A. 1 B. 0.0049 C. 2 D. 7
18	If abc = 2 and a =c then b=	A. a ² B. 1/2a C. 2/a ² D. 2-a ²
19	In a school there are 400 students , of whom 70% are boys. What is the number of girls?	A. 130 B. 200 C. 280 D. 2800
20	Question Image	A. 50 m B. 64 m C. 72 m D. 84 m