

NAT I Medical Quantitative

Sr	Questions	Answers Choice
1	A man spent 10% of his money. After spending 60% of the remainder he has Rs. 72 left. How much had he in the start ?	A. 10 B. 100 C. 200 D. 400
2	If $(p-3)(p+4) > (p-3)(p+8)$, what is the best description of p?	A. $p=3$ B. $-8 < p < -5$ C. $p \in \{ \}$ D. $p < 3$
3	What is the number of 5% of which is 10 ?	A. 200 B. 100 C. 50 D. 10
4	What part of an hour elapses between 10:45 a.m. and 11:09 a.m. ?	A. $\frac{2}{5}$ B. $\frac{3}{5}$ C. $\frac{11}{12}$ D. 2
5	$(60)^2 = ? \times 72$	A. 36 B. 3600 C. 40 D. 50
6	$(44 \times 3) + 128 + 120 / 9.5 - 94.7$	A. 380 B. 10 C. 76.12 D. 100
7	The average of x, y, z and 40 is 10. What is the average of x, y, and Z.	A. 10 B. 0 C. 2 D. 15
8	Question Image <input type="text"/>	A. 5 B. 10 C. 110 D. 125
9	The average height of a class of 14 boys is 5.3 feet. A new boy admitted to the class, the new average of 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
10	How many cents will r books cost if t books cost m dollars ?	
11	How many integers between 28 and 98 are exactly divisible by 7 ?	A. 9 B. 11 C. 12 D. 8
12	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
13	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. 50 C. 60 D. 30
14	If $x=7y+3$ and $z=49y^2$ then what is 'z' in terms of x?	A. X^2 B. $x^{\sup>2\</sup>-3}$ C. $(x-3)^{\sup>2\</sup>7}$ D. None
15	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
16	$(160 - 130)(270 - 240) / 2250 \div 50 = ?$	A. $\frac{4}{3}$ B. $\frac{2}{3}$ C. 45

D. 20

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A. 12
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- 18 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. $b-7$
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- 19 $? \times 12 = 75\%$ of 336
A. 48
B. 252
C. 28
D. 21
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- 20 A piece of fabric is cut into three sections so that the first is three times as long as the second and the second is three times as long as the third. What part of the entire piece is the smallest section ?
A. $\frac{2}{5}$
B. $\frac{3}{7}$
C. $\frac{2}{3}$
D. $\frac{1}{13}$
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