


NAT II Arts & Humanities Quantitative

Sr	Questions	Answers Choice
1	How many miles are there between two cities if the distance is represented by a 2.4-inch line on a map having a scale of 1 inch to 8 miles?	A. 19.2 B. 12.8 C. 8.5 D. 38
2	$\sqrt{256} \div \sqrt{64} = ?$	A. 1/4 B. 26/8 C. 16 D. 4
3	Which of the following is closest to the square root of 1/2?	A. 0.7 B. 0.6 C. 0.8 D. 0.25 E. 0.5
4	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
5	$Ay - b = c - dy$ what is 'y' in term of 'a', 'b' and 'c'?	A. $(c + b)/(a + d)$ B. $(c - b)/(a + d)$ C. $(c - b)/(a - d)$ D. $(c + b)/(a - d)$
6	If $x + 3y = 7$ and $2x + y = 5$ then x/y is?	A. 1/2 B. 1/3 C. 2/5 D. 8/9
7	$816 - 288 \div = 24 ?$	A. 22 B. 828 C. 528 D. 804
8	$1/x = 1/y + 1/z$ then 'x' in terms of 'y' and 'z' is given by?	A. $(y + z) / (y - z)$ B. $yz/(y + z)$ C. $(y + z)/yz$ D. $1/z - 1/y$
9	If $p = 2$, then $3^p + (p^3)^2 =$	A. 18 B. 45 C. 42 D. 70 E. 73
10	What is the number, 5% of which is 10?	A. 200 B. 100 C. 50 D. 10
11	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
12	If Adil can finish a job in 5 hours and Moeed can finish the same job in 10 hours, how many minutes will it take both of them together to finish the job?	A. 210 B. 220 C. 200 D. 160 E. 180
13	The population of 8 villages is 900, 750, 1100, 1050, 1250, 555, and 630. Find the population of Ninth village if the average population of Nine villages is 900.	A. 1200 B. 1050 C. 1030 D. 7070
14	$.007 \div \sqrt{.000049}$	A. 1 B. .0049 C. 2 D. 7
		A. 92 - -

- 15 Maria's test scores were 96, 97, 86, 98 and 92. What would he need on his next test to have an average of 94?
B. 90
C. 95
D. 100
E. 98
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- 16 
A. 1.425
B. 1.585
C. 1.330
D. 0.750
E. 1.750
-
- 17 $9218 - 3546 + 2354 = ?$
A. 8026
B. 8116
C. 10410
D. 23174
-
- 18 $25\% \text{ of } 4 \div 4\% \text{ of } 25 = ?$
A. 1
B. 3
C. 0
D. 67
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- 19 If $4x - y = 13$ and $3x - 2y = 7$ then what is the average of 'x' and 'y'?
A. 4
B. 3
C. 2
D. 6
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- 20 A motion was passed by a vote of 5: 3. What part of the votes cast was in favor of the motion?
A. 3/5
B. 5/8
C. 3/8
D. 5/3