

NAT II Biological Science Quantitative

Sr	Questions	Answers Choice
1	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
2	The value of (x + y)2- (x - y)2is?	A. 4 B. (x2 + y2 C. 4xy D4xy
3	1.02 - 0.02 + ? = 1.842	A. 0.222 B. 0.842 C. 2 D. None
4	If a2- b2and a - b = 12 then average of 'a' and 'b' is?	A. 3 B. 12 C. 6 D. 3/2
5	David recieves his allowance in Sunday. He spends 1/4 of his allowance on Monday and 2.3 of the reminder on Tuesday. What part of his allowance is left for the rest week?	A. 2/3 B. 4/5 C. 6/7 D. 1/4
6	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 Challi Milli.	A. \$250 B. \$300 C. \$400 D. \$380
7	If 10 tractors are needed to plow a field in 4 hours, how many tractors are needed below to plow the field in 5 hours?	A. 32 B. 4 C. 16 D. 8
8	$(242 - 17)^2$ - $(7 - 5)^2$ = ?	A. 49000 B. 49200 C. 94200 D. 49400
9	If 'x' and 'y' are positive and 1/x = 3 + 1/y is 'x' greater than 'y'?	A. Yes B. No C. It cannot be determind D. They are equal
10	A motion was passed by a vote of 5: 3. What part of the votes cast was is favor of the motion?	A. 3/5 B. 5/8 C. 3/8 D. 5/3
11	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 below Rs. 15,000?	A. 2/3 B. 1/3 C. 2/5 D. 3/5
12	$x\sqrt{0.09} = 3; x = ?$	A. 10 B. 1/3 C. 1/10 D. 1
13	A and B can do in 6 days. If A does the job alone he takes 10 days. What will be the time required by B to complete the job alone?	A. 8 B. 6 C. 15 D. 3
14	If $x = 7y + 3$ and $z = 49y2$ then what is 'z' in terms of x?	A. X2 B. x2- 3 C. (x - 3)2/7 D. None
15	A man has Rs. 2000 and spends 18% of it. What money has he left now?	A. 3600 B. 820 C. 1640

		D. 4000
16	Which of the following is closest tot he square root of 1/2?	A. 0.7 B. 0.6 C. 0.8 D. 0.25 E. 0.5
17	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
18	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?	A. 92 B. 90 C. 95 D. 100 E. 98
19	If the area of rectangle is 12, then its perimeter is	A. 6 B. 7 C. 8 D. 12 E. Cannot be determined from the given information
20	x + y = 17 and $x = 2$ then value of y?	A. 13 B. 15 C. 19 D. 10