

NAT II Physical Science Quantitative

Q _r	Questions	Anguara Chaica
Sr	Questions	Answers Choice
1	$x\sqrt{0.09} = 3; x = ?$	A. 10 B. 1/3 C. 1/10 D. 1
2	What part of an hour clapes between 10:45 a.m. and 11:09 a.m.?	A. 2/5 B. 3/5 C. 11/12 D. 2
3	If $p = 2$, then $3^p + (p^3)^2 =$	A. 18 B. 45 C. 42 D. 70 E. 73
4	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
5	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
6	What is 1/5% of 5000	A. 10 B. 12 C. 16 D. 1000 E. 5000
7	$(60)^2 = ? \times 72$	A. 36 B. 3600 C. 40 D. 50
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	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
10	The area of the circle is 16π . The length of the diameter of the circle is	A. 2 B. 32 C. 4 D. 16 E. 8
11	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
12	The average height of a class of 14 boys 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
13	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
14	Find the sum of money, 11% of which is Rs. 1650.	A. 150 B. 3300 C. 25000

		D. 15000
15	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
16	The value of $x^2 + 5x + 6$ at $x = 2$ is?	A. 10 B. 14 C. 18 D. 20
17	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
18	$(190)^2$ - $(150)^2$ = ?	A. 58600 B. 13600 C. 1360 D. 1600
19	$(60)^2 = ? \times 7$	A. 3600 B. 3528 C. 0.02 D. 50
20	15% of 32 equal	A. 3.80 B. 2.50 C. 4.80 D. 4 E. 5