**Jawahar Navodaya Vidyalaya Entrance Exam. (Class VI) sample paper: Maths**

For April 2011 exam of JNV there would be some questions of maths. These questions will help in knowing the exam pattern and questions:   
  
1. What is the least number to be added to 8888 to make it a perfect square 7  
(1) 137 (2) 52  (3) 112 (4) 90 (5) None of these  
  
2. What would be the compound in­terest obtained on an amount of Rs. 12,000 at the rate of 9 p.c.p.a. for 3 years 7 (rounded off to two digits after decimal)  
(1) RS.3840  
(2) Rs. 3740.75  
(3) RS.3640  
(4) Rs. 3540.35  
(5) None of these  
  
3. The product of the consecutive odd numbers is 3363 .. What is the smaller number 7  
(1) 59 (2) 55  (3) 57 (4) 61 (5) None of these  
  
4. What approximate value should come in place of the question mark (7) in the following ques­tion 7  
608 + 33 x (11)2 + 119 = 7 (1) 2229  
(2) 2674  
(3) 2481  
(4) 2559  
(5) 2348  
  
5. A car covers a distance of 924 kms. in 840 minutes. What is the speed of the car in kmph?  
(1) 66 kmph (2) 63 kmph (3) 69 kmph (4) Cannot be determined (5) None of these.  
  
6. A shopkeeper buys 5 bangles for Rs. 8880 and later sell them for Rs. 9875. How much profit does the shopkeeper make per ban­gle 7  
(1) Rs. 205 (2) Rs. 199 (3) Rs.213 (4) Rs. 191 (5) None of these  
  
7. The average of 4 consecutive even numbers A, B, C and 0 is 45. What is the product of A and C?  
(1) 2025 (2) 1848  (3) 1932 (4) 2016 (5) None of these  
  
8. A, Band C divide an amount of Rs. 8540 amongst themselves in the ratio of 4 : 7 : 9 respectively. What is the B's share in the amount?  
(1) Rs. 3843 (2) Rs. 1708 1(3) Rs. 4697 (4) Rs. 2989 (5) None of these  
  
9. If (12)3 is added to the square of a number, the answer so obtained is 3577. What is the number?  
(1) 43 (2) 45  (3) 47 (4) 49 (5) None of these  
  
10. What would be the simple inter­est obtained on an amount of Rs. 8145 at the rate of 14 p.c.p.a. for 5 years?  
(1) Rs. 5900  
(2) Rs. 5890.75  
(3) Rs. 5701.50  
(4) Rs. 5670  
(5) None of these  
  
11. The difference between 70% of a number and 57% of the same number is 338. What is 51 % of that number?  
(1) 1300 (2) 1482  (3) 1820 (4) 2600 (5) None of these  
  
12. 46% of a number is 1426. What is the number?  
(1) 1674 (2) 2550  (3) 3475 (4) 3100 (5) None of these  
  
13. In an examination it is required to get 430 of the aggregate marks to pass. A student gets 344 marks and is declared failed by 8% marks. What are the maximum aggregate marks a student can get?  
(1) 975 (2) 1025  (3) 1150 (4) 1200 (5) None of these  
  
Answers: 1. 1, 2. 4, 3. 3, 4. 5, 5. 1, 6. 2, 7. 3, 8. 4, 9. 1, 10. 3, 11. 5, 12. 4, 13. 5

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