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DPM CLASSES

6th to 10th (Math's & Science), 11th & 12th (Physics, Chemistry, Math's)

TEST - PAPER (CBSE/NCERT)

SQUARE AND SQUARE ROOTS

SESSION -2024-25

CLASS - 8th

JOIN TODAY FOR ADVANCE CONCEPTS

ONLY IN ₹1000 PER MONTH

MRP: ₹ 100/- ONLY

ALSO, BASIC CONCEPTS CLASSES IN SUMMER

VACATION Apr, May & Jun (Every Year)

Add: Block -B, Near Glory Villa, 60 feet Road (Nearest land mark Scindia Statue), Shatabdipuram, Gwalior

Time : 1 hr - Square and Square roots :- mm :

Q.1. Without adding, find the sum :

(i) $1+3+5+7+9$

(ii) $1+3+5+7+9+11+13+15+17+19$

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Q.2. (i) Express 49 as the sum of 7 odd numbers.

(ii) Express 121 as the sum of 11 odd numbers.

Q.3. How many numbers lie b/w Squares :

(i) 12 and 13 (ii) 99 and 100

Q.4. Write a phythagorean triplet whose one number is (i) 14 (ii) 18

Q.5. Find the Square root of 100 and 169 by the method of repeat subtraction.

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Q.6. Find the Square root of the following numbers by the prime factorisation method.

(i) 5929 (ii) 9216 (iii) 1764

Q.7. 2025 plants are to be planted in a garden in such a way that each row contains as many plants as a number of rows. Find the number of rows and the number of plants in each row?

Q.8. Find the smallest square number that is divide by each of the number 8, 15 and 20.

Q.9. Find the square root of each of the following numbers by division method :

(i) 1369 (ii) 3136

Q.10. There are 500 children in a school. For a P.T. drill they have to stand in such a manner that the number of rows is equal to number of columns. How many children would be left out in this arrangement.

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