

By. Er. Dharmendra Sir

7974073108, 9584873492

# DPM CLASSES

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

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**TEST - PAPER (CBSE/NCERT)**

## CUBE AND CUBE ROOTS

**SESSION -2024-25**

**CLASS - 8<sup>th</sup>**

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

Q.1. Find the smallest number by which each of the following numbers must be multiplied to obtain a perfect cube

(i) 100

(ii) 675



Q.2. Find the smallest number by which each of the following numbers must be divided to obtain a perfect cube.

(i) 704

(ii) 192

Q.3. Parikshit makes a cuboid of plasticine of sides 5 cm, 2 cm, 5 cm. How many such cuboids will he need to form a cube?



Q.4. Which of the following numbers are not perfect cubes?

(i) 216

(ii) 1000

(iii) 100

Q.5. Find the cube root by prime factorisation.

(i) 15625

(ii) 110592

(iii) 46656

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