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EVERWIN VIDHYASHRAM

Marks: 20mar

STD: VIII

TT - MATHS

Time: 40 min

I. Answer in one word:

1. _____ is one of the Hardy - Ramanujam Numbers.

2. The symbol for cube root is _____.

3. A number multiplied with itself three times is called as _____.

4. $\sqrt[3]{216} =$

5. Each prime factor appears _____ in its cubes.

II. Solve the following:

6. The value of $\sqrt[3]{\frac{27}{125}}$ is (3)

7. Without the actual calculation find out the cube root of

a) 571787 b) 175616 (2)

8. Evaluate: $\sqrt[3]{64} \times \sqrt[3]{343}$ (3)

9. Using prime factorisation method solve:

a) 4913 (4) b) 729 (3)