

IBPS RRB CLERK - 2019

WEDNESDAY, 10 July
2019

Class time - 04 : 30 pm

❖ CUBE OF A NUMBER

$$\begin{array}{c} \textcircled{1-100} \\ 56^3 = \underline{\hspace{2cm}} \\ \swarrow \end{array}$$



MATHS BY ARUN SINGH RAWAT

Number	Cube	Sum of Digits of the Cube
1	1	1
2	8	8
3	27	9
4	64	1
5	125	8
6	216	9
7	343	1
8	512	8
9	729	9
10	1000	1

Start with 1.

$13^3 = ?$

$(1.6)^3 =$

$15^3 = ?$

H.W

$19^3 = ?$

If unit digit is 1.

$$\begin{array}{l} 21^3 = ? \\ 31^3 = ? \\ 51^3 = ? \end{array} \quad \begin{array}{l} (5 \cdot 1)^3 = \underline{\hspace{2cm}} \\ \begin{array}{r} 125 \quad 25 \quad 5 \quad 1 \\ \quad 50 \quad 10 \\ \hline 125 \quad 75 \quad 15 \quad 1 \\ \hline 132651 \end{array} \end{array}$$

If both the digits are same

$22^3 = ?$

27 27 27 27

$33^3 = ?$

54 54

27 81 81 27

8 8 2

$44^3 = ?$

35937

When digits are different

$$23^3 = ? \quad \neq (67)^3 =$$

$$\neq (75)^3 =$$

$$24^3 = ?$$

$$\neq (59)^3 =$$

FORMULA METHOD

$$AB^3 = A^3 / 3A^2B / 3AB^2 / B^3$$

FORMULA METHOD

$$14^3 = ?$$

$$42^2 = ?$$

$$106^2 = ?$$

$$113^2 = ?$$

IBPS RRB CLERK - 2019

- ✓ More than 5 Year Teaching Experience in Banking Exams.
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