





**LAUNCHING**  
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Offer  
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**31<sup>st</sup>**  
DEC 2021

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- ↳ SSC
- ↳ STATE LEVEL

Validity: 3 Years

**Premium Silver Card**

- ↳ SSC
- ↳ STATE LEVEL

Validity: 2 Years

**Premium Green Card**

- ↳ BANK
- ↳ STATE LEVEL

Validity: 2 Years

Merry Christmas  
&  
Happy New Year 2022



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# UPCOMING ONLINE BATCHES

## December 2021

01 Dec 2021

08:00 AM to 10:00 AM

LIVE PREMIUM GREEN CARD  
(BANK-PO & CLERK)

05:30 PM to 07:30 PM

LIVE PREMIUM GREEN CARD  
(BANK-PO & CLERK)

01:00 PM to 03:00 PM

LIVE PREMIUM SILVER CARD  
(SSC CGL & CHSL)

07:30 PM to 09:30 PM

SSC CGL MAINS LIVE COURSE  
(SSC CGL)

BILINGUAL

08 Dec 2021

10:30 AM to 12:30 PM

LIVE PREMIUM GREEN CARD  
(BANK-PO & CLERK)

03:00 PM to 05:00 PM

LIVE PREMIUM GREEN CARD  
(BANK-PO & CLERK)

08:00 AM to 10:00 AM

LIVE PREMIUM SILVER CARD  
(SSC CGL & CHSL)

BILINGUAL

15 Dec 2021

01:00 PM to 03:00 PM

LIVE PREMIUM  
GREEN CARD  
(BANK-PO & CLERK)

10:30 AM to 12:30 PM

LIVE PREMIUM  
SILVER CARD  
(SSC CGL & CHSL)

08:00 AM to 10:00 AM

CCC NIELIT LIVE COURSE

BILINGUAL

22 Dec 2021

08:00 AM to 10:00 AM

LIVE PREMIUM  
GREEN CARD  
(BANK-PO & CLERK)

07:30 PM to 09:30 PM

LIVE PREMIUM  
SILVER CARD  
(SSC CGL & CHSL)

BILINGUAL

29 Dec 2021

10:30 AM to 12:30 PM

LIVE PREMIUM GREEN CARD  
(BANK-PO & CLERK)

07:30 PM to 09:30 PM

LIVE PREMIUM GREEN CARD  
(BANK-PO & CLERK)

03:00 PM to 05:00 PM

LIVE PREMIUM SILVER CARD  
(SSC CGL & CHSL)

BILINGUAL





# RBI GRADE B & ASSISTANT

**MATHS**

# SQUARE

याद करने की **TRICK**



**LIVE**

**09:00 AM**

Class Time :- 9:00 AM

# ***SQUARE***

**SQUARE :**

$$1^2 = 1$$

$$2^2 = 4$$

$$3^2 = 9$$

$$4^2 = 16$$

$$5^2 = 25$$

$$6^2 = 36$$

$$7^2 = 49$$

$$8^2 = 64$$

$$9^2 = 81$$

$$10^2 = 100$$

$$11^2 = 121$$

$$12^2 = 144$$

$$13^2 = 169$$

$$14^2 = 196$$

$$15^2 = 225$$

$$16^2 = 256$$

$$17^2 = 289$$

$$18^2 = 324$$

$$19^2 = 361$$

$$20^2 = 400$$

$$21^2 = 441$$

$$22^2 = 484$$

$$23^2 = 529$$

$$24^2 = 576$$

$$25^2 = 625$$

$$26^2 = 676$$

$$27^2 = 729$$

$$28^2 = 784$$

$$29^2 = 841$$

$$30^2 = 900$$

**RULE: IF '5' IS AT THE UNIT PLACE**

**Ex:**









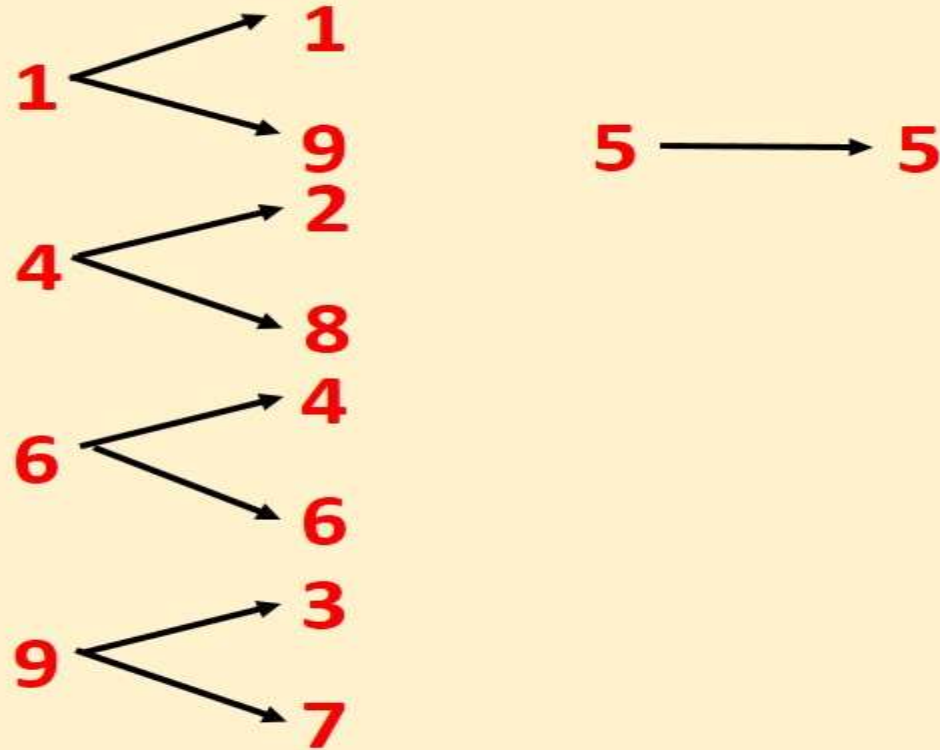




# ***SQUARE ROOT OF PERFECT SQUARES***

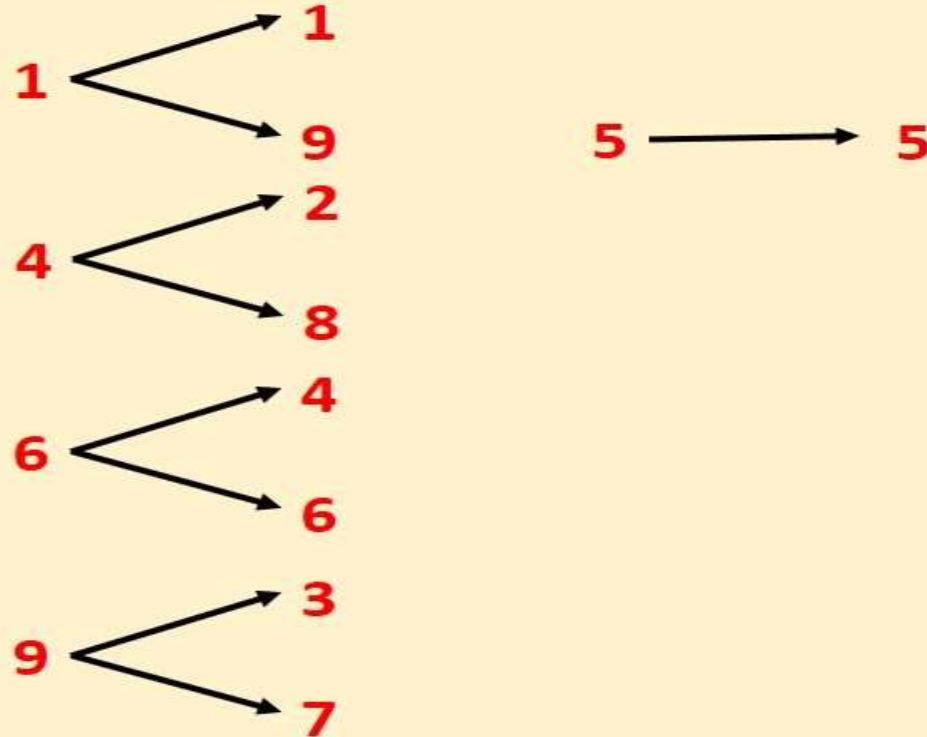
$$\begin{aligned}1^2 &= 1 \\2^2 &= 4 \\3^2 &= 9 \\4^2 &= 16 \\5^2 &= 25 \\6^2 &= 36 \\7^2 &= 49 \\8^2 &= 64 \\9^2 &= 81 \\10^2 &= 100\end{aligned}$$

$$\begin{aligned}1^2 &= 1 \\2^2 &= 4 \\3^2 &= 9 \\4^2 &= 16 \\5^2 &= 25 \\6^2 &= 36 \\7^2 &= 49 \\8^2 &= 64 \\9^2 &= 81 \\10^2 &= 100\end{aligned}$$



$$\begin{aligned}1^2 &= 1 \\2^2 &= 4 \\3^2 &= 9 \\4^2 &= 16 \\5^2 &= 25 \\6^2 &= 36 \\7^2 &= 49 \\8^2 &= 64 \\9^2 &= 81 \\10^2 &= 100\end{aligned}$$

**Rule:** The digits 2,3,7 & 8 can never occupy the unit place of a perfect square.





**Ex:**

$$\sqrt{7744}$$

**Sol:**

**Ex:**

$$\sqrt{17689}$$

**Sol:**

**Ex:**

$$\sqrt{15625}$$

**Sol:**

**For Practice**

$$\sqrt{12544}$$

$$\sqrt{35344}$$

$$\sqrt{12996}$$

$$\sqrt{18225}$$

$$\sqrt{44521}$$

# ***CUBE***

**Cube:**

$$1^3 = 1$$

$$2^3 = 8$$

$$3^3 = 27$$

$$4^3 = 64$$

$$5^3 = 125$$

$$6^3 = 216$$

$$7^3 = 343$$

$$8^3 = 512$$

$$9^3 = 729$$

$$10^3 = 1000$$

$$11^3 = 1331$$

$$12^3 = 1728$$

$$13^3 = 2197$$

$$14^3 = 2744$$

$$15^3 = 3375$$

$$16^3 = 4096$$

$$17^3 = 4913$$

$$18^3 = 5832$$

$$19^3 = 6859$$

$$20^3 = 8000$$

# ***CUBE ROOT***

$$1^3 = 1$$

$$2^3 = 8$$

$$3^3 = 27$$

$$4^3 = 64$$

$$5^3 = 125$$

$$6^3 = 216$$

$$7^3 = 343$$

$$8^3 = 512$$

$$9^3 = 729$$

$$10^3 = 1000$$

**Rule:**

$$2 \longleftrightarrow 8$$

$$3 \longleftrightarrow 7$$





**Ex:**

$$\sqrt[3]{19683}$$

**Sol:**

**Ex:**

$$\sqrt[3]{238328}$$

**Sol:**

**Ex:**

$$\sqrt[3]{912673}$$



**THANKS**



**THANKS**

