DSSSB + SSC MTS

दफ्तरी बैच

MATHS

Demo-02

Number System

(इकाई का अंक)

LIVE 12-03-2024 08:00 AM

TIME TABLE

DSSSB TGT

Scholar Batch

दिल्ली अधीनस्थ सेवा चयन बोर्ड

ROJGAR With ANKIT

PRT (Part –B)

Educational Psychology

LIVE 03:00 PM

DSSSB TGT (Part–B)

MATHS

LIVE 08:00 AM

हिंदी

LIVE 09:00 AM

संस्कृत

LIVE 05:00 PM

From 12 March

ENGLISH

LIVE 07:00 PM

SOCIAL SCIENCE

LIVE 08:00 PM

Classes Start from 11th March

TIME TABLE

DSSSB TGT

PRT (Part-A)

दिल्ली अधीनस्थ सेवा चयन बोर्ड

ROJGAR With ANKIT

Scholar Batch

C.A

LIVE 06:00 AM

MATHS

LIVE 08:00 AM

हिंदी

LIVE 09:00 AM

ENGLISH

LIVE 10:00 AM

HISTORY

LIVE 12:00 PM

From 12 March

GEOGRAPHY

LIVE 01:00 PM

REASONING

LIVE 03:00 PM

POLITY

LIVE 06:00 PM

Classes Start from 11th March

TIME TABLE

DSSSB + SSC MTS

दफ्तरी बैच

MATHS
LIVE 08:00 AM

REASONING
LIVE 09:00 AM

ENGLISH
LIVE 10:00 AM

HISTORY
LIVE 12:00 PM

GEO. & ECO.
LIVE 01:00 PM

SCIENCE
LIVE 02:00 PM

हिंदी
LIVE 04:00 PM

POLITY
LIVE 06:00 PM

➡ Registration Starts from 5th March

➡ Classes Start from 11th March

DSSSB + SSC MTS

दिल्ली अधीनस्थ सेवा चयन बोर्ड

दफ्तरी बैच

RWA TEAM

DSSSB + SSC MTS

दिल्ली अधीनस्थ सेवा चयन बोर्ड

निष्पक्षता सर्वोपरि निष्पक्षतया सर्वेभ्यः

दफ्तरी बैच

FEATURES

- Live Classes
- Mock Test
- Doubt Group
- Class Notes PDF
- Experienced Teachers

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- Registration Starts from 5th March
- Classes Start from 11th March

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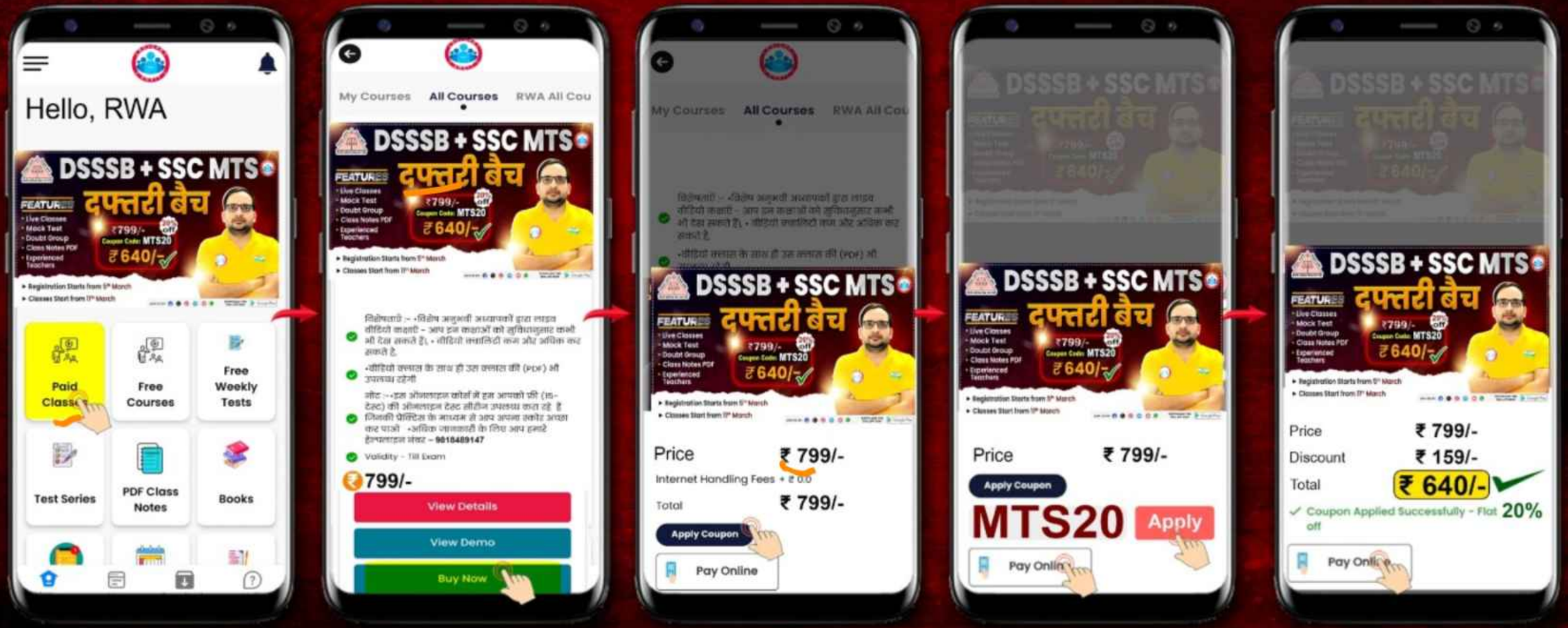
कोर्स कैसे PURCHASE करें ?



DSSSB MTS Syllabus 2024

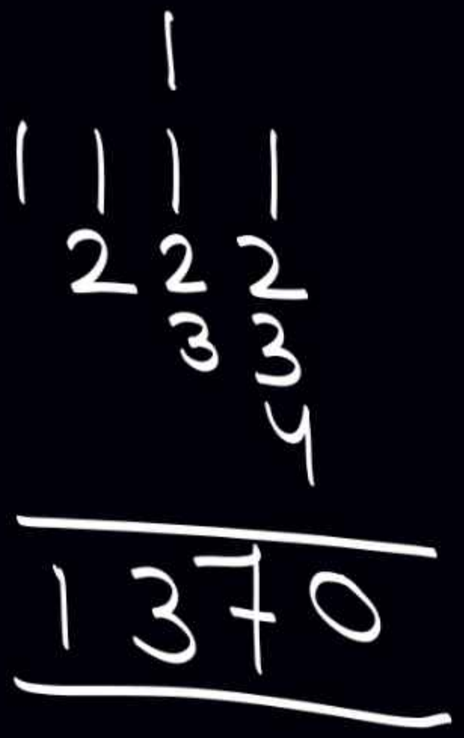
- Number System, HCF & LCM, Decimals & Fractions
- Simplification
- Ratio & Proportion
- Percentage
- Average
- Time & Work
- Time, Speed & Distance
- Profit & Lost
- Simple & Compound Interest
- Mensuration
- Data Interpretation
- Tables & Graphs

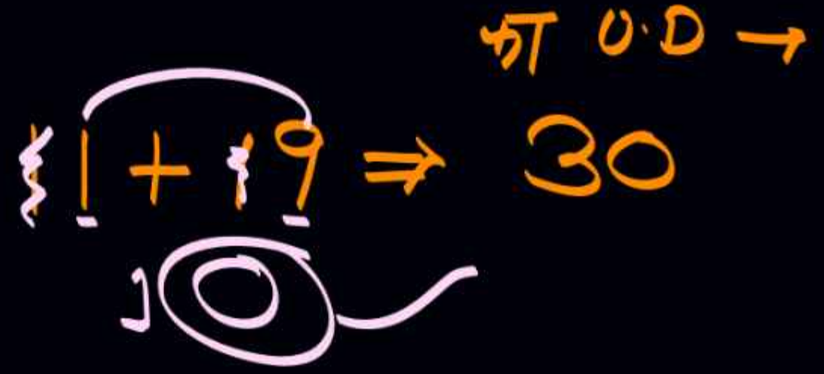
SSC MTS MATHS SYLLABUS 2024

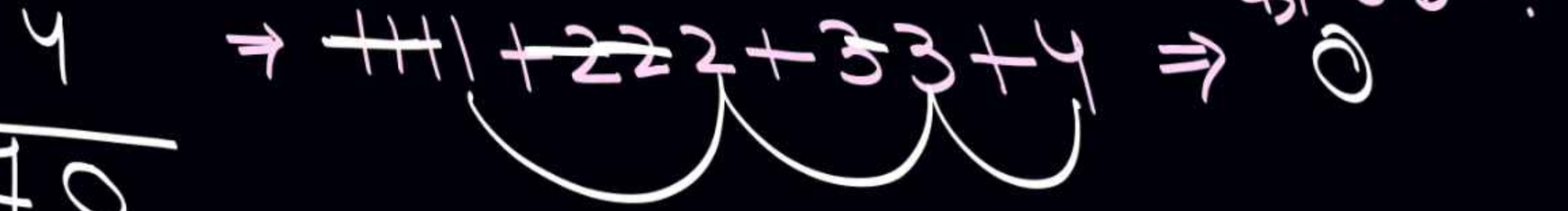
No.	Aptitude Syllabus 2024
1.	Number Systems
2.	Computation of Whole Numbers
3.	Decimals and Fractions and the relationship between Numbers
4.	Fundamental arithmetical operations
5.	Percentages, Ratio and Proportion
6.	Averages
7.	Interest
8.	Profit and Loss
9.	Discount
10.	Use of Tables and Graphs

11.	Mensuration
12.	Ratio and Time
13.	Time and Work
14.	Time and Distance

UNIT DIGIT
इकाई का अंक







$\{0, 1, 2, 3, 4, 5, 6, 7, 8, 9\}$

$9^1 \Rightarrow 9$ $\quad 9^2 = 81$

$9^{\text{विषम}} \longrightarrow 9$

$9^{\text{सम}} \longrightarrow 1$

$(120!)^{729}$ का U.D. = ?

$(9)^{729} \longrightarrow (9)$

⇒ 22 - 11 का U.D = ? 1 (1)

2 - 1 ⇒ (1)

23 - 19 का U.D. = ? (4)

3 - 9 ⇒ -6 + 10

⇒ (+4)

Power- कुछ भी

$(0, 1, 5, 6) \longrightarrow$ U.D → Same

$(\cancel{256})^{1208}$ का U.D = ? 6

$(\cancel{2025}5)^{2025}$ का U.D = ? 5

$(1056)^{208} + (1211)^{1056}$ का U.D = ?

$6 + 1 \Rightarrow 7$

4 →

U.D.

$4^1 \Rightarrow 4^{\text{विषम (Odd)}} \longrightarrow 4$

$4^2 \quad 4^{\text{सम (Even)}} \longrightarrow 6$

सम

(1994^{2024}) का U.D. = ?

6

9 →

U.D.

$9^{\text{विषम (Odd)}} \longrightarrow 9$

$9^{\text{सम (Even)}} \longrightarrow 1$

विषम

1201

(7299) का U.D. = ?

$9^{\text{विषम}} \longrightarrow 9$

4^2 सम 9^1 विषम

$(921)^{12} \times (565)^{13} \times (944)^{14} \times (799)^{15}$ का ऊ.द. = ?

$1 \times 5 \times 6 \times 9$

ऊ.द. $\Rightarrow 0$

U.D.

* यदि 5 × Even (सम) No → 0

5 × Odd (विषम) No → 5

$(1196)^{202} \times (90!)^{1002} \times (4449)^{13} \times (1122334)$ का U.D. = ?

(1196) → 6 (विषम)

(90!) → 1 (विषम)

(4449) → 9 (विषम)

(1122334) → 4 (सम)

$6 \times 1 \times 9 \times 4$

$6 \times 6 = 36$

4

$11 \times 22 \times 33 \times 44 \times 66$ का U.D = ?

144

$1 \times 22 \times 333 \times 4444 \times 666666$ का U.D = ?

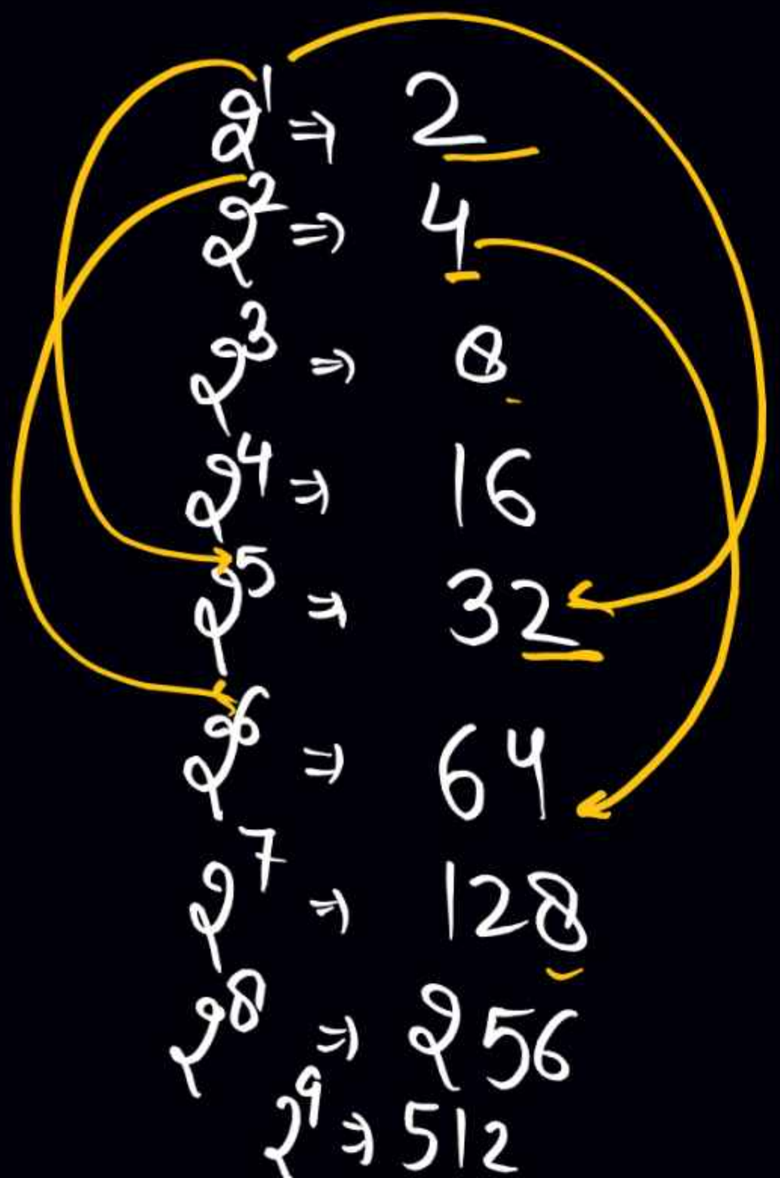
4

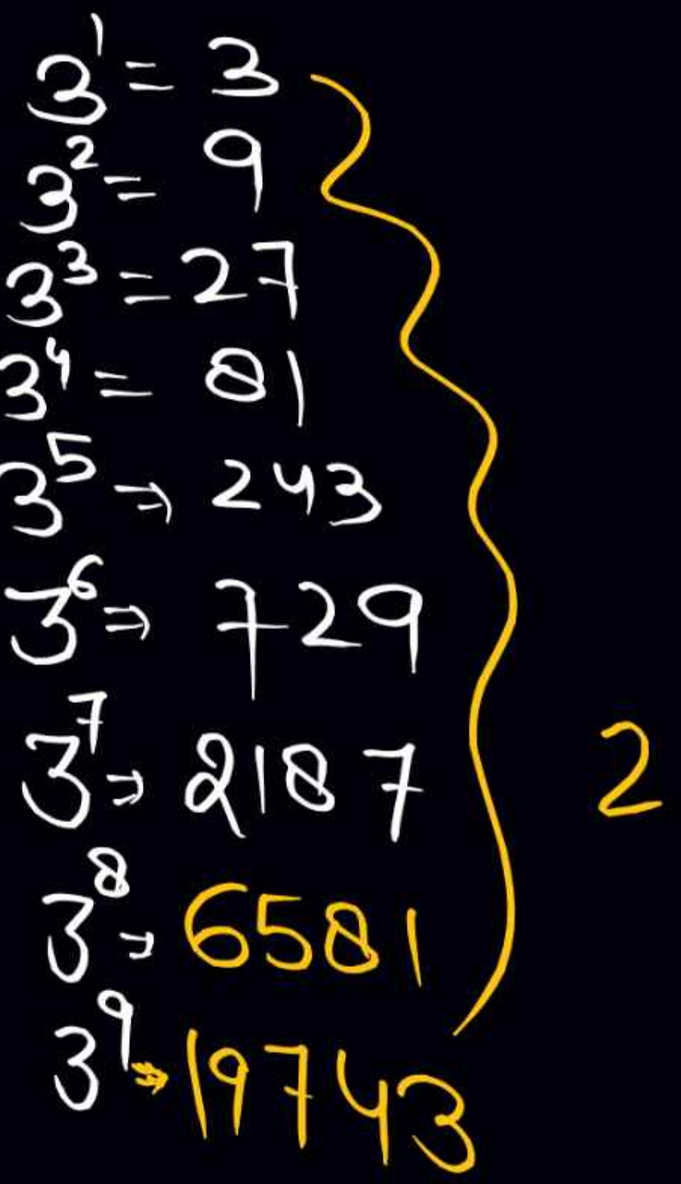
(2, 3, 7, 8) → ये चारों अंक कभी भी किसी पूर्ण वर्ग संख्या (Perfect Square) का U.D. नहीं हो सकते।

1
4
9
16
25
36
49
64
81
100

→ निम्न में से कौन सी एक संख्या पूर्ण वर्ग संख्या नहीं है?

(a) 6561 (b) 10404 (c) 2804 (d) 3488


$2^1 \Rightarrow 2$
$2^2 \Rightarrow 4$
$2^3 \Rightarrow 8$
$2^4 \Rightarrow 16$
$2^5 \Rightarrow 32$
$2^6 \Rightarrow 64$
$2^7 \Rightarrow 128$
$2^8 \Rightarrow 256$
$2^9 \Rightarrow 512$


$3^1 = 3$
$3^2 = 9$
$3^3 = 27$
$3^4 = 81$
$3^5 \Rightarrow 243$
$3^6 \Rightarrow 729$
$3^7 \Rightarrow 2187$
$3^8 \Rightarrow 6561$
$3^9 \Rightarrow 19743$
2

(2,3,7,8) की power के Last 2 digits में 4 से भाग करना है। भाग करने के बाद जो शेषफल आए उसे ही power मान लेना।

$4\overline{)26}\,(6$
24
2

$(728)^{1026}$ का U.D. = ?

$\underline{8}$ / 4

$(8)^2 \Rightarrow 4$

$4\overline{)63}\,(15$
$\underline{60}$
3

$(727)_{12963}$ का U.D = ? $(7)^3 \Rightarrow 3$

$(1082)_{90633}$ का U.D = ? $2^1 \Rightarrow 2$

1. Let, $x = (433)^{24} - (377)^{38} + (166)^{54}$ What is the units digit of x?

मान लें कि $x = (433)^{24} - (377)^{38} + (166)^{54}$ हैं, तो x का इकाई का अंक क्या है?

(a) 8
(b) 7
(c) 6
(d) 9