



SSC 2026 Calendar Out

1 लाख+ भर्ती 🔥

S.No.	Name of Examination	Tier/ Phase	Date of Advt.	Closing Date	Tentative month of exam
1	Combined Graduate Level Examination, 2026	Tier-I (CBE)*	March 2026	April 2026	May – June 2026
2	Selection Post Examination, Phase-XIV, 2026	CBE*	March 2026	April 2026	May – July 2026
3	Junior Engineer (Civil, Mechanical & Electrical) Examination, 2026	Paper-I (CBE)*	March 2026	April 2026	May – June 2026
4	Combined Higher Secondary (10+2) Level Examination, 2026	Tier-I (CBE)*	April 2026	May 2026	July – September 2026
5	Multi-Tasking (Non- Technical) Staff & Havaldar (CBIC & CBN) Examination, 2026	CBE*	June 2026	July 2026	September – November 2026
6	Sub-Inspector in Delhi Police & Central Armed Police Forces Examination, 2026	Paper-I (CBE)*	May 2026	June 2026	October – November 2026
7	Constables (GD) in Central Armed Police Forces (CAPFs), NIA, SSF and Rifleman (GD) in Assam Rifles Examination, 2027	CBE*	September 2026	October 2026	January – March 2027

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NUMBER SYSTEM



TOPIC NAME

Number system/संख्या प्रणाली

Calculation & Simplification/गणना एवं सरलीकरण

Surds & Indices/घातांक और करनी

L.C.M & H.C.F/एल.सी.एम और एच.सी.एफ

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ARITHMETIC MATH STRUCTURE



TOPIC NAME

Percentage/प्रतिशत ① (Basic Core Concept)

Ratio & Proportion/अनुपात और समानुपात ①

Profit & Loss/लाभ और हानि

Discount & Dishonest Shopkeeper/छूट और बेईमान दुकानदार

Time & Work/समय और कार्य

Pipe & Cistern/पाइप और टंकी

Simple Interest/साधारण ब्याज

Compound Interest/चक्रवृद्धि ब्याज

Installment/किस्त

Average/औसत

Time, Speed & Distance/समय, गति और दूरी

Problems on Train/ट्रेन

Boat & Stream/नाव और धारा

Circular and Linear Race/वृत्ताकार और रैखिक दौड़

Problems on Ages/आयु पर समस्याएँ

Partnership/साझेदारी

Mixture & Alligation/मिश्रण एवं संलयन

सबसे imp (2-3)

15%
+ class



PERCENTAGE (प्रतिशत)

$$1\% = \frac{1}{100}$$

$$100\% = 1$$

$$\diamond 1\% = \frac{1}{100} = \text{or } 100\% = 1$$

$$\diamond 1\% = \frac{1}{100}$$

$$\diamond x\% = x \times \frac{1}{100} = \frac{x}{100}$$

$$\diamond 28\% = \frac{28}{100} = \frac{7}{25}$$
$$45\% = \frac{45}{100} = \frac{9}{20}$$



EXAMPLE

‰ से भिन्न

$$x\% = \frac{x}{100}$$

$$15\% = 15 \times \frac{1}{100} \rightarrow \frac{3}{20}$$

$$36\% = 36 \times \frac{1}{100} \rightarrow \frac{9}{25}$$

$$7\frac{13}{16}\% = \frac{125}{16}\% = \frac{125}{16} \times \frac{1}{100} = \frac{5}{64}$$

भिन्न से ‰

$$N = N \times 100\%$$

$$1 \rightarrow 100\%$$

$$\frac{1}{2} \rightarrow 50\%$$

$$\frac{3}{5} \rightarrow \frac{3}{5} \times 100\% \rightarrow 60\%$$

$$\frac{11}{20} \rightarrow \frac{11}{20} \times 100\% \rightarrow 55\%$$

$$2 \rightarrow 200\%$$

$$3.7 \rightarrow 370\%$$

$$0.0008 \rightarrow 0.08\%$$

$$100 \rightarrow 10000\%$$



$$N = N \times 1 = N \times 100\%$$

$$\frac{a}{b} \rightarrow \frac{a}{b} \times 100\%$$

Fraction	Percentage
1	100%
$\frac{1}{2}$	50%
$\frac{1}{3}$	$33\frac{1}{3}\% = 33.33\%$
$\frac{1}{4}$	25%
$\frac{1}{5}$	20%
$\frac{1}{6}$	$16\frac{2}{3}\% = 16.66\%$
$\frac{1}{7}$	$14\frac{2}{7}\% = 14.28\%$
$\frac{1}{8}$	= 12.5%
$\frac{1}{9}$	$11\frac{1}{9}\% = 11.11\%$

Fraction	Percentage
$\frac{1}{10}$	10%
$\frac{1}{11}$	$9\frac{1}{11}\% = 9.09\%$
$\frac{1}{12}$	$8\frac{1}{3}\% = 8.33\%$
$\frac{1}{14}$	$7\frac{1}{7}\% = 7.14\%$
$\frac{1}{15}$	$6\frac{2}{3}\% = 6.66\%$
$\frac{1}{16}$	$6\frac{1}{4}\% = 6.25\%$

Fraction	Percentage
$\frac{1}{20}$	5%
$\frac{1}{24}$	$4\frac{1}{6}\% = 4.16\%$
$\frac{1}{25}$	4%
$\frac{1}{30}$	$3\frac{1}{3}\% = 3.33\%$
$\frac{1}{50}$	2%

$$\frac{1}{40} \rightarrow \frac{100\%}{40} = 2.5\%$$



1. **The fraction equivalent to $\frac{1}{5}\%$ is:**

निम्न में से कौन-सा $\frac{1}{5}\%$ के समतुल्य भिन्न है?

(SSC CPO 2023)

[A] $1/125$

[C] $1/200$

$\frac{1}{500}$

☒ [B] $1/500$

[D] $1/40$

2.

Express 0.36% as a ratio.

अनुपात के रूप में 0.36% व्यक्त करें।

(SSC CGL PRE 2025)

☒ [A] 9 : 2500

[B] 9 : 250

[C] 9 : 25

[D] 9 : 2.5

$$\begin{aligned} 0.36\% &= \frac{0.36 \times 1}{10000} \\ &= \frac{9}{2500} \end{aligned}$$

3. **12.75% is equivalent to _____.**

12.75% _____ के बराबर है।

(SSC CHSL PRE 2024)

[A] 37/400

[B] 51/400

[C] 41/400

[D] 17/200

$$12.75\% = \left(12 + \frac{3}{4}\right)\% = \frac{51}{4}\% = \frac{51}{4} \times \frac{1}{100}$$

$$.25 = \frac{1}{4}$$

$$.5 = \frac{1}{2}$$

$$.75 = \frac{3}{4}$$

4. Express the following as decimals, respectively. 20%, 0.5%, 0.03%?

निम्नलिखित को क्रमशः दशम लव के रूप में व्यक्त करें। 20%, 0.5%, 0.03%?

(SSC CHSL 2024)

[A] ~~0.02~~, 0.005, 0.003

[B] ~~0.02~~, 0.005, 0.003

☒ [C] 0.2, 0.005, 0.0003

[D] 0.2, ~~0.0005~~, 0.0003

• 20

↓
• 0.005

↓
• 0.0003

$$1\% = \frac{1}{100} = .01$$

$$x\% = \frac{x}{100} = .01 \times x$$

$$72\% \longrightarrow .72$$

$$153\% \longrightarrow 1.53$$

$$21.9\% \longrightarrow .219$$

5. What is the square root of 144%?

144% का वर्गमूल क्या है ?

(SSC GD 2024) (UPSC CDS-2 2024)

[A] 12%

[B] 0.12%

[C] 120%

[D] 1.2%

$$\sqrt{144\%} = \sqrt{\frac{144}{100}} = \frac{12}{10} \times 100\% = 120\%$$

$$\sqrt{144\%} = \sqrt{1.44} = 1.2 \rightarrow 120\%$$