» 100% Concept Coverage | All Type Questions | PYQs «

# CUET GAT - Reasoning

# Calendar

By Vivek Sir

$Y_M$

Leap $Y_M$

No. of days : 366

Feb : 29

$\frac{Y_M}{4}$ ✓

$\frac{C.Y}{400}$ ✓

Simple $Y_M$

365

28

$\frac{Y_M}{4}$ X

$\frac{C.Y.}{4}$ X

2024 ✓

1900 X

1800 X

2400 ✓

2000 ✓

| Month | J | F | M | A | M | J | J | A | S | O | N | D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Code (S.y) | 1 | 4 | 4 | 0 | 2 | 5 | 0 | 3 | 6 | 1 | 4 | 6 |
| (L.y) | 0 | 3 | .. | ---- | ---- | Same | ---- | ---- | ---- | ---- | $12^2+2$ | ---- |

| Day | Code |
|---|---|
| Sun | 1 |
| Mon | 2 |
| Tue | 3 |
| Wed | 4 |
| Thurs | 5 |
| Fri | 6 |
| *Sat | 0/7 |

# Type – 1 : Finding the day of any date

## किसी भी तारीख का दिन ज्ञात करना

Q. 15th March 1946

÷7→R  Code  ÷7→R  ÷4→Q

1 + 4 + 4 + 11 = 20 ÷7→R 6 (Fri)

7 ) 15

Q 14th Feb 1908

0 + 3 + 1 + 2 = 6 (Fri)

Q 19th Nov 1996

5 + 4 + 5 + 24 = 38

38 → 3 (Tue)

(a) M
(b) T
(c) W
(d) NOT

Q. 3rd March 1902

$3 + 4 + 2 + 0 = 9$

2 (Mon)

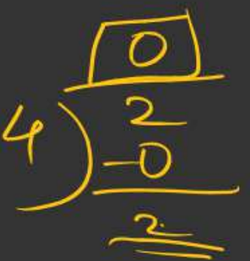
(a) M

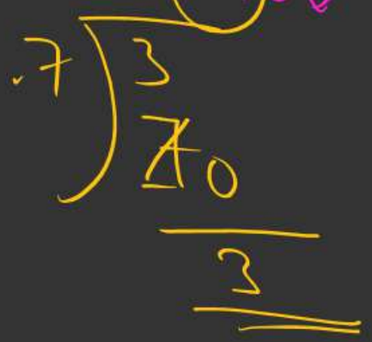
(b) T

(c) W

(d) NOT









Q. 15th Jan 1850

1 + 1 + 1 + 12 = 15 ⟶ $1^{+2} = 3$ (True)

(a) M
~~(b)~~ T
(c) W
(d) NOT

Q. 7th April 2024

0 + 0 + 3 + 6

$\frac{9}{7} = 2$ rem 1

= 1

Sun

2100+ → F R+4
2000+ → F R-1
1900+ → F R
1800+ → F R+2
1700+ → F R+4
1600+ → F R-1
1500+ → F R

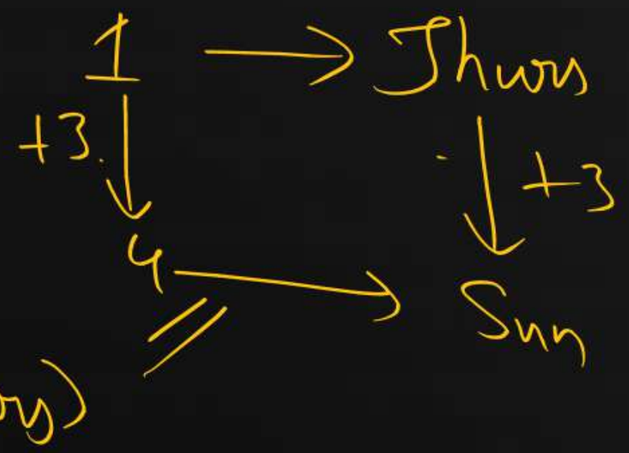
## Type – 2 : Finding the 1st, 2nd etc any day of any month and year

किसी भी महीने और वर्ष में किसी दिन की पहली, दूसरी आदि तारीख ज्ञात करना

Q On which date 1st Sunday fall in the month of Jan 1931 ?

1 Jan 1931

1 + 1 + 3 + 7 = 12 → 5 (Thurs)



Q. On which dates Monday fall in the month of Dec 1942?

1 Dec 1942

1 + 6 + 0+10 = 17 → 3

1st → Tue

7th → Mon → 1

14th → Mon → 2

21 → Mon → 3

28 → Mon → 4

7, 14, 21, 28

Q. On which date 4th Sat fall in the month Oct 1907 ?

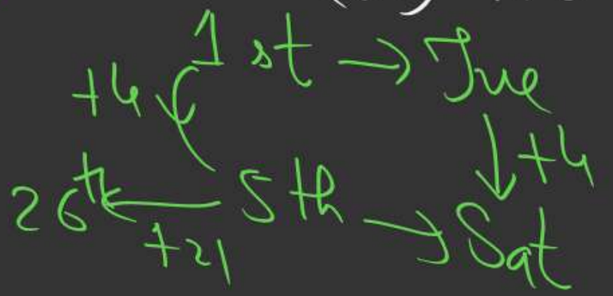
(a) 28th

(b) 29th

(c) 30th

(d) NOT



# Type – 3 : Finding the day when already one day is given

## जब एक दिन पहले से दिया गया हो, तब दिन ज्ञात करना

Q. If 14th Jan 1936 was Friday ↺ +3

0 + 0 + 1+9 = 10 → 3 (Tue)

then what will be the day on

19th Mar 1941 = ?

5 + 4 +6 +10 = 25 → 4 (Wed)

+3

Sat

(a) M

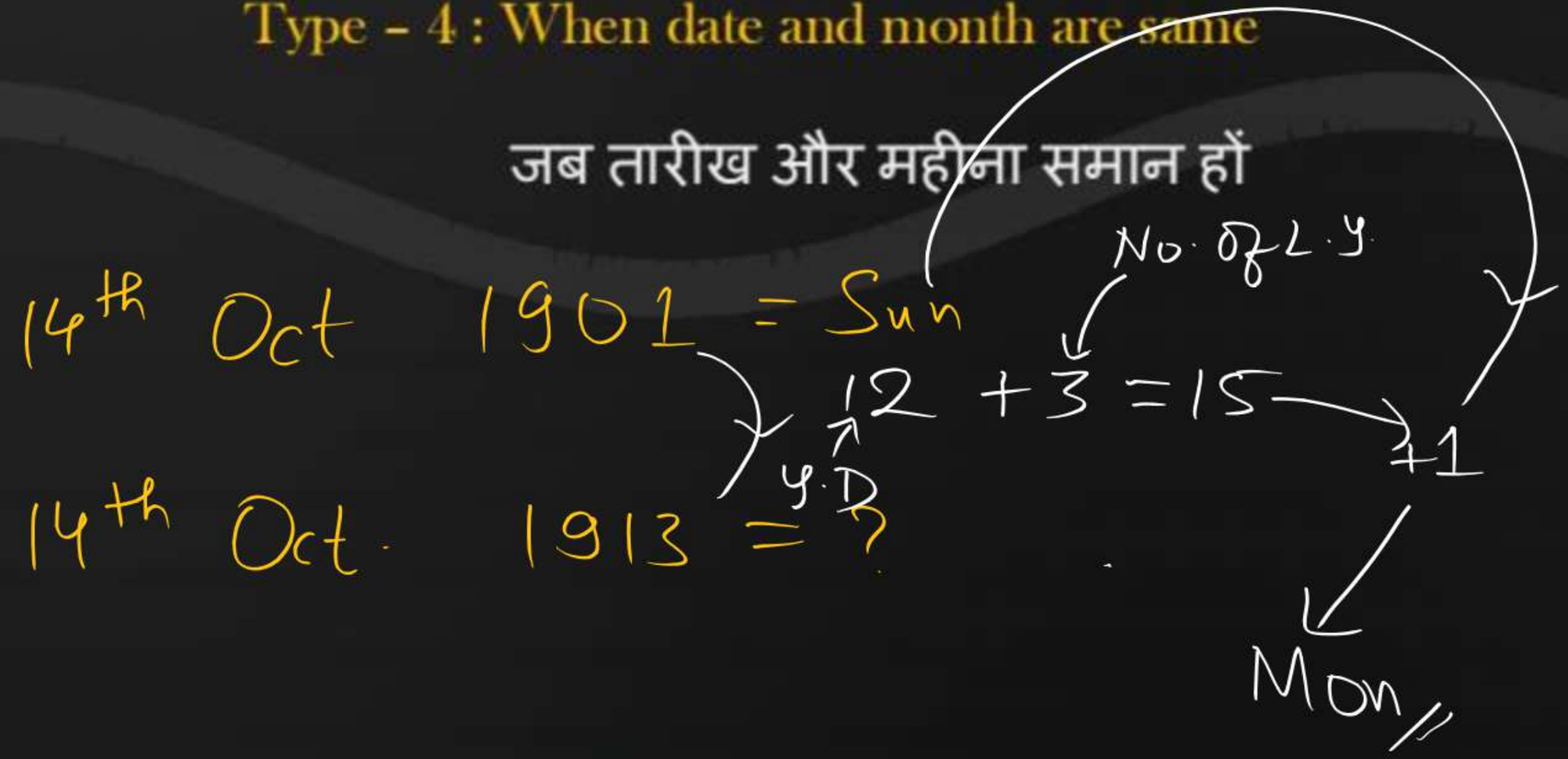
(b) T

(c) W

~~(d)~~ NOT

# Type – 4 : When date and month are same

## जब तारीख और महीना समान हों



Q. 30th April 1930 = Fri

30th April 1921 = ?

9 + 2 = 11 → 4

(a) M

(b) T

(c) W

(d) NOT

M

-6/+1

-5/+2

-4/+3

Q. $14^{th}$ June 1951 = Mon

$16^{th}$ June 1957 = ?

$14^{th}$ June 1957

6 + 2 = 8 → +1

Jun → +2 → Tue

+2

$16^{th}$ → Thurs

Feb
29
Feb
Feb
Q. 14th Nov 2004 = Tue (2008, 12)

8 + 2 = 10 = +3 → Fri

14th Nov 2012 = ?

Feb

2013

(a) M

(b) T

(c) W

(d) NOT

# Type – 5 : Based on yesterday, today and tomorrow

## कल, आज और कल के आधार पर

Q. If 2 days before Yesterday was Friday, then what will be on 1 day after day of tomm.?

Q. If 2 days after day of tomm. will be Sat then what was on 1 day before day before Yesterday?

(a) M
(b) T
(c) W
(d) NOT

Sat — Y T T — — — T
↑ ?  ↑ Sat

# Type - 6 : Repetition of Calendar

## कैलेंडर की पुनरावृत्ति

**Note** The repeated yr. will be the same type of yr.

(O.D) (L.Y.)

7 + 2 = 9 ÷7 ✓ : R.Y. ✓

÷7 ✗ : R.Y ✗

Q. 1990 (a) 1997

S.Y (b) 1996 (L.Y.)

(c) 2000 (L.Y.)

(d) 2001

11 + 3 = 14 ÷7 ✓ : R.Y ✓

# Type - 7 : Finding number of Leap Years

## अधिवर्षों की संख्या ज्ञात करना

Q. 100 yrs : $\frac{100}{4} = 25$ L.y X

$-1$

24 L.y

1896 ✓

1900 X

1904 ✓

Q. 300 yrs : 100 yrs → 24 L.y

300 yrs → $\frac{24}{\cancel{100}} \times \cancel{300} = 72$ L.y.

Q. 400 yrs : $\frac{400}{4} = 100$ L.y ✗

$-3$

97 L.y ✓

Q. 800 yrs : $97 \times 2 = 194$ //

1800 ✗

1900 ✗

2000 ✓

2100 ✗

# Type - 8 : Based on number of Odd days

विषम दिनों की संख्या के आधार पर

Odd

$\frac{8}{7} \xrightarrow{R} 1$

$\frac{101}{7} \xrightarrow{R} 3$

$\frac{450}{7} \xrightarrow{R} 2$

Yest → Fri
Sat

Q. If today is Friday then what will be after 100 days?

$\frac{100}{7}$ R → +2

Sun

(a) M

(b) W

(c) F

(d) Sun

Q. 100 days before

$\frac{100}{7}$ → −2

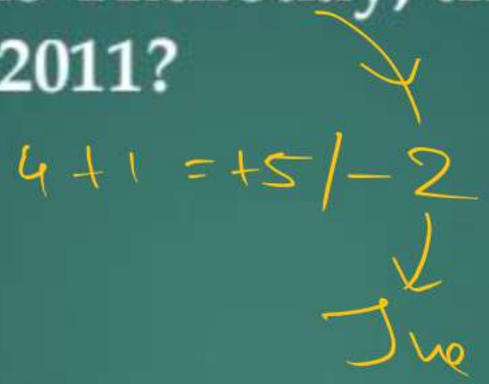
Wed.

# PYQs

[CUET 2026 — 6 June, Shift 1]

**1** यदि 21 जून 2007 को गुरुवार था, तो 21 जून 2011 को सप्ताह का कौन-सा दिन था?

If 21st June 2007 was Thursday, then what day of the week was it on 21st June 2011?




A) Sunday

B) Monday

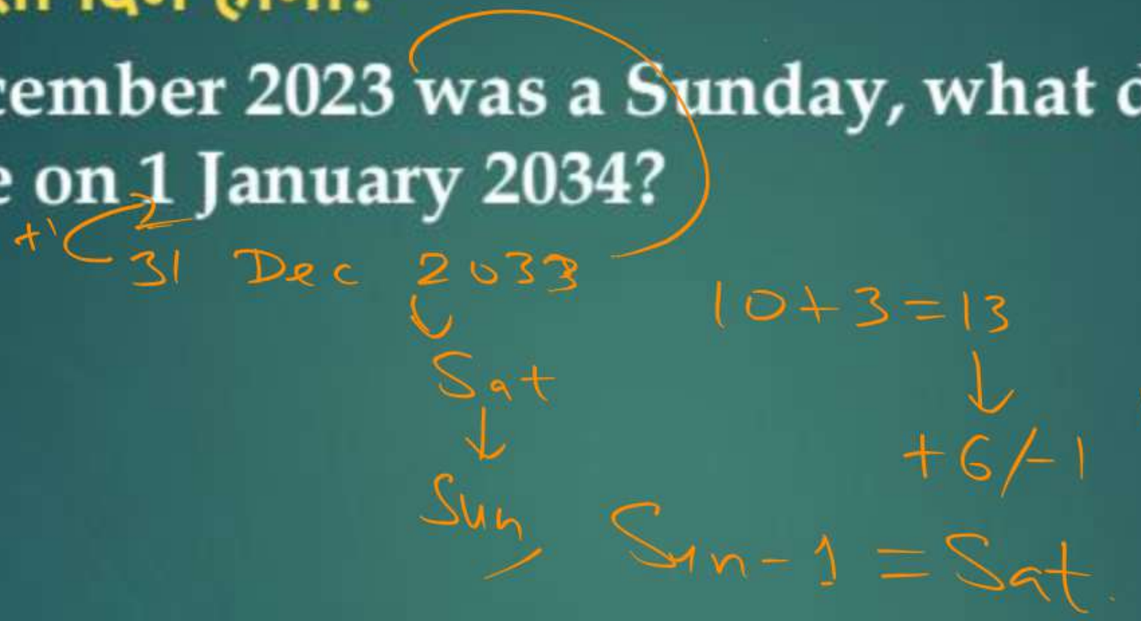
C) Tuesday

D) Wednesday

[CUET 2026 — 30 May, Shift 1]

**2** यदि 31 दिसंबर 2023 रविवार था, तो 1 जनवरी 2034 को सप्ताह का कौन-सा दिन होगा?

If 31 December 2023 was a Sunday, what day of the week will it be on 1 January 2034?




A) Monday

B) Wednesday

C) Sunday

D) Friday

[CUET 2026 — 31 May, Shift 2]

3 यदि 26 फरवरी 2005 शनिवार था, तो 27 जनवरी 2003 को सप्ताह का कौन-सा दिन था?

If 26 February 2005 was a Saturday, then what day of the week was 27 January 2003?

A) Tuesday

B) Monday

C) Thursday

D) Wednesday

[CUET 2026 — 25 May, Shift 2]

**4** 30 जनवरी 2007 को सप्ताह का कौन-सा दिन था?

What was the day of the week on 30 January 2007?

$2+1+0+1 = 4-1$

$= 3$

A) Monday

B) Tuesday

C) Wednesday

D) Thursday

[CUET 2026 — 21 May, Shift 1]

**5** 15 अगस्त 2013 को सप्ताह का कौन-सा दिन था?

What was the day of the week on 15 August 2013?

A) Friday

B) Tuesday

C) Saturday

D) Thursday

[CUET 2026 — 20 May, Shift 1]

**6** वर्ष 2019 का कैलेंडर किस वर्ष के कैलेंडर के समान होगा?

The calendar for the year 2019 will be the same for the year:

$11 + 3 = 14$

A) 2030

B) 2024

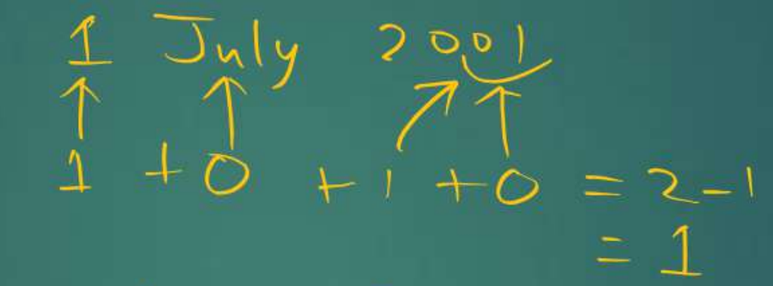
C) 2042

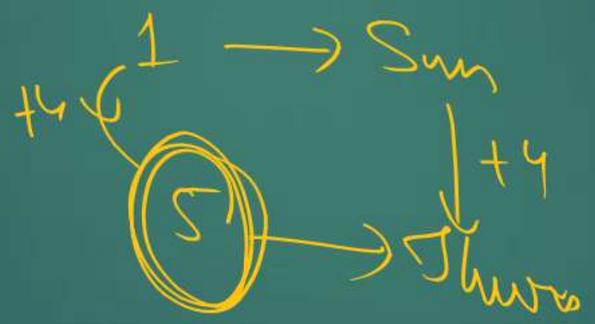
D) 2028

[CUET 2026 — 18 May, Shift 2]

**7** जुलाई 2001 में किन-किन तारीखों को गुरुवार पड़ा था?

On what dates of July 2001 did Thursday fall?




A) 1st, 8th, 15th, 22nd, 29th

B) 5th, 12th, 19th, 26th

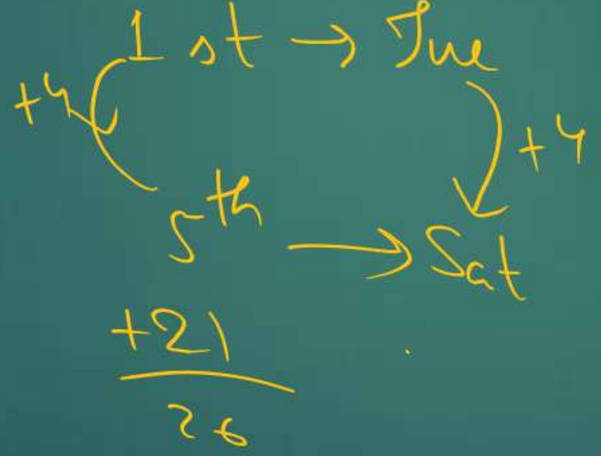
C) 2nd, 9th, 16th, 23rd, 30th

D) 4th, 11th, 18th, 25th

[CUET 2025 — 16 May, Shift 1]

**8** यदि किसी देश का राष्ट्रीय दिवस किसी महीने के चौथे शनिवार को मनाया गया, तो उस महीने में उत्सव की तारीख क्या थी, जब महीने का पहला दिन मंगलवार था?

If the national day of a country was celebrated on the 4th Saturday of a month, find the date of celebration in that month, when the first day of the month is Tuesday.




A) 24th

B) 25th

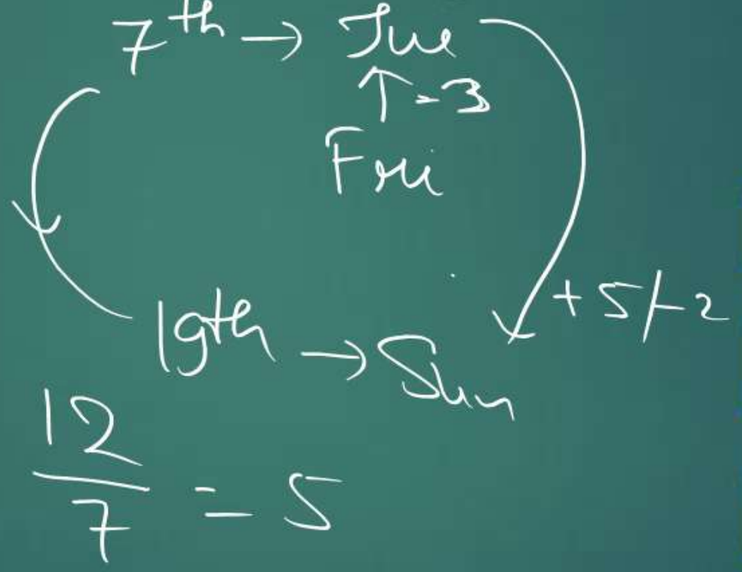
C) 26th

D) 27th

[CUET 2025 — 14 May, Shift 2]

**9** यदि किसी महीने की सातवीं तारीख शुक्रवार से तीन दिन पहले है, तो उसी महीने की उन्नीसवीं तारीख को कौन-सा दिन होगा?

If the seventh day of a month is three days earlier than a Friday, what day will be the nineteenth day of the same month?




A) Thursday

B) Tuesday

C) Wednesday

D) Sunday

[CUET 2025 — 29 May, Shift 2]

**10** यदि किसी लीप वर्ष का पहला दिन शनिवार है, तो उस वर्ष 4 मार्च को कौन-सा दिन होगा?

If the 1st day of a leap year is Saturday, then what day lies on 4th March in that year?

A) Saturday

B) Sunday

C) Monday

D) Friday

[CUET 2025 — 29 May, Shift 1]

**11** यदि 9 अप्रैल सोमवार के 2 दिन बाद पड़ता है, तो उसी महीने की अंतिम तारीख को सप्ताह का कौन-सा दिन होगा?

If 9th April falls 2 days after a Monday, then what day of the week will it be on the last date of the said month?

A) Sunday

B) Monday

C) Tuesday

D) Wednesday

[CUET 2023 — 30 May, Shift 3]

**12** आज सोमवार है। 60 दिनों के बाद कौन-सा दिन होगा?

Today is Monday. After 60 days it will be?




A) Thursday

B) Tuesday

C) Friday

D) Wednesday

[CUET 2022 — 17 August, Shift 1]

**13** निम्नलिखित में से कौन-सा लीप वर्ष है?

Which of the following is a leap year?

A) 1500

B) 700

C) 1300

D) 2000

[CUET 2022 — 26 August, Shift 1]

**14** वर्ष 2009 का कैलेंडर किस वर्ष के कैलेंडर के समान था?

The calendar for the year 2009 was the same as that of the year ____.

A) 2014

B) 2016

C) 2013

D) 2015