



Mahendra's

50+



SSC CGL/CPO/CHSL

REASONING

CALENDAR

PART-4

part-4

(LCS)



LIVE

07:30 PM



FIND DAY WITH IN YEAR

find (year) →

2022 →
↓

day with in
year
==

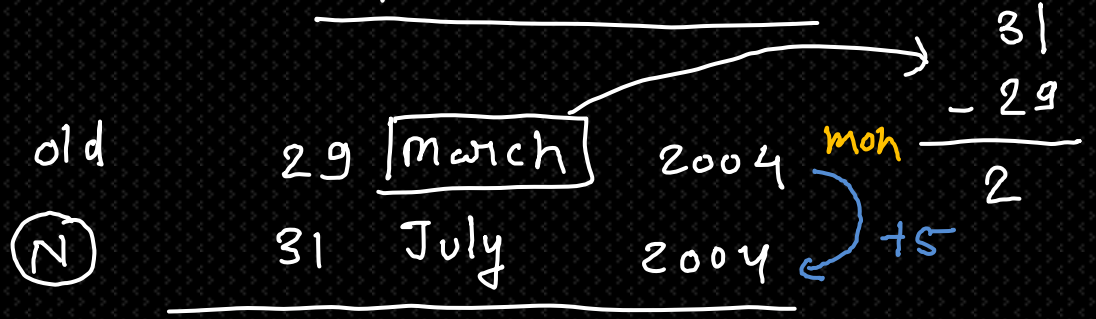
month →
==

Q29. If 29 March 2004 is a Monday, then what day of the week will be 31 July 2004?

यदि 29 मार्च 2004 को सोमवार है, तो 31 जुलाई 2004 को सप्ताह का कौन सा दिन होगा?

1. MONDAY
2. SATURDAY ✓
3. SUNDAY
4. FRIDAY

old date Concept



Mar → 2
 April → 2
 May → 3
 June → 2
 July → 3

30

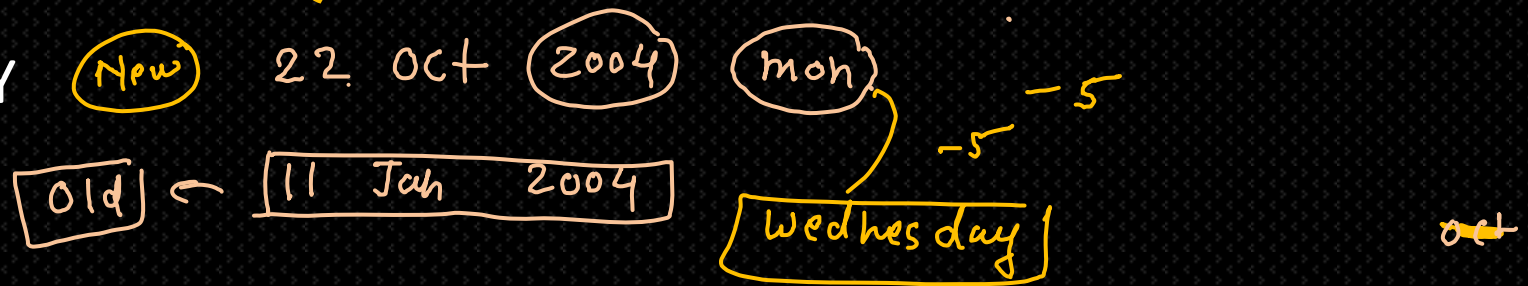
(N)

Mon → T W T F Saturday

Q30. If 22 OCT 2004 is a Monday, then what day of the week will be 11 JAN 2004?

यदि 22 अक्टूबर 2004 को सोमवार है, तो 11 जनवरी 2004 को सप्ताह का कौन सा दिन होगा?

1. SATURDAY
2. WEDNESDAY
3. THURSDAY
4. FRIDAY



Q31. If 06 Oct 2009 is a Wednesday, then what day of the week will be 29 February 2009?

यदि 06 अक्टूबर 2009 को बुधवार है, तो सप्ताह का कौन सा दिन 29 फरवरी 2009 होगा?

1. MONDAY
2. WEDNESDAY
3. SUNDAY
4. CAN'T BE DETERMINE

(X) →

29 Feb 2009

=

X

(4) can't be deter.

29 Feb 2009 ⇒ (X)

26th April → Monday

Q32 If 117th day of any leap year is Monday the which day will fall on 7th OCT on that year?

यदि किसी लीप वर्ष का 117वां दिन सोमवार है तो उस वर्ष 7 अक्टूबर को कौन सा दिन पड़ेगा ?

- 1. TUESDAY
- 2. WEDNESDAY
- 3. THURSDAY
- 4. FRIDAY

~~Saturday~~

$$\begin{array}{r} 117 \\ - 91 \\ \hline 26 \end{array}$$

Jan	Feb	March	April
31	29	31	26

26 April Monday
 7 Oct

Thursday

April → 4 ✓
 May → 3 ✓
 June → 3 ✓
 July → 3 ✓
 Aug → 3 ✓
 Sep → 2 ✓
 Oct → 2 → 0

(117) →

Jan. Feb March April

$$\boxed{31 + 29 + 31 + 26} \Rightarrow (117)$$

26 April → Mon) +3
7 Oct → Thursday

April → 4
May → (3) } × 0

June → ~~2~~
July → ~~3~~
Aug → (3)
Sept → ~~+~~
Oct → ~~+~~ 0

FIND DAY WITH IN CENTURY

CASE-1 WHEN DATE AND MONTH ARE SAME

CASE-2 WHEN ONLY DATE IS SAME

**CASE -3 WHEN ALL ARE DIFFERENT
(MONTH DATE AND YEAR)**

CASE-2

Q33. If 11 OCT 2004 is a Monday, then what day of the week will be 11 OCT 2005?

यदि 11 अक्टूबर 2004 को सोमवार है, तो 11 अक्टूबर 2005 को सप्ताह का कौन सा दिन होगा?

1. MONDAY
2. WEDNESDAY
3. TUESDAY
4. FRIDAY

0 11 oct 2004 → (mon) +1
N 11 oct 2005 → (Tues day) +1
Leap year (Feb)

CASE-2

Q34. If 11 SEP 2004 is a Monday, then what day of the week will be 11 SEP 2003?

यदि 11 सितंबर 2004 को सोमवार है, तो सप्ताह का कौन-सा दिन 11 सितंबर 2003 होगा?

1. THURSDAY
2. SATURDAY
3. SUNDAY
4. FRIDAY

L.Y = 2

(N) 11 Sep 2004 → Monday
(O) 11 Sep 2003 → Saturday - 2

Feb 2004

CASE-2

B.J.H. = $T.Y. + L.Y.$

Q35. If 23rd NOV 2004 is a Tuesday, then what day of the week will be 23rd Nov 2011?

यदि 23 नवम्बर 2004 को मंगलवार है, तो 23 नवम्बर 2011 को सप्ताह का कौन सा दिन होगा?

1. MONDAY
2. WEDNESDAY
3. SUNDAY
4. FRIDAY

(A) 23 Nov 2004 → Tuesday
 (B) 23 Nov 2011 → Wednesday

$2011 - 2004 = 7$

$7 \div 7 = 1$

Tuesday + 1 = Wednesday

(A) 2004
 (B) 2008

CASE-2

Q36. If 11TH JAN 1152 is a Tuesday, then what day of the week will be 11TH JAN 1183?

यदि 11 जनवरी 1152 मंगलवार है, तो सप्ताह का कौन-सा दिन 11 जनवरी 1183 होगा?

1. MONDAY
2. WEDNESDAY
3. SUNDAY
4. ~~FRIDAY~~

subuday
⇒

(0)
(4)

11 Jan 1152

Tue

11 Jan 1183

(Sat)

+4

$$\begin{array}{r} 1183 \\ - 1152 \\ \hline \times \times (31) \end{array}$$

(31) ⇒ ~~31 + 8~~
(3 1)

31 years.

$$\begin{array}{r} \checkmark \quad \checkmark \quad \checkmark \\ 52 \quad 56 \quad 60 \\ \checkmark \quad \checkmark \quad \checkmark \\ 64 \quad 68 \quad 72 \\ \checkmark \quad \checkmark \\ 76 \quad 80 \end{array}$$

CASE-2

Q37. If 05rd OCT 1998 is a Tuesday, then what day of the week will be 05rd OCT 1963 ?

यदि 05 अक्टूबर 1998 को मंगलवार है, तो सप्ताह का कौन सा दिन 05 अक्टूबर 1963 होगा?

1. MONDAY
2. SATURDAY
3. SUNDAY
4. FRIDAY

{ 05 Oct 1998 } → Tue
05 Oct 1963 }

CASE-3

Q38. If 15th OCT 1962 is a Tuesday, then what day of the week will be 05rd OCT 1977?

यदि 15 अक्टूबर 1962 को मंगलवार है, तो 05 अक्टूबर 1977 को सप्ताह का कौन-सा दिन होगा?

1. TUESDAY
2. WEDNESDAY
3. THURSDAY
4. FRIDAY

(1) 15 Oct 1962 Tuesday
 ... 05 Oct 1977 Thursday
 (2) 15 Oct 1977 Sunday

$1977 - 1962 = 15$
 $15 \times 1 = 15$
 $15 + 4 = 19$

Tuesday + 15 = Sunday

$Tue + 5 - 3 = 2$

(10) \Rightarrow (3)
 (5)

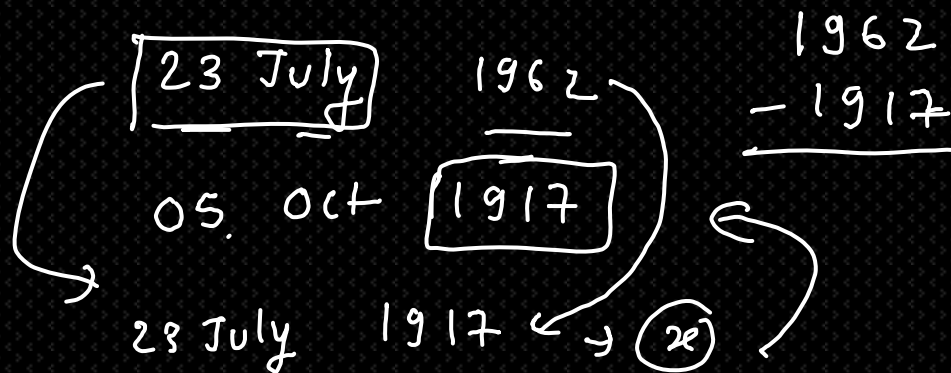
(Tue) + 5 \Rightarrow (Sunday)

CASE-3

Q39. If 23rd JULY 1962 is a Tuesday, then what day of the week will be 05th OCT 1917?

यदि 23 जुलाई 1962 को मंगलवार है, तो 05 अक्टूबर 1917 को सप्ताह का कौन सा दिन होगा?

1. THURSDAY
2. SATURDAY
3. SUNDAY
4. FRIDAY



REPEAT YEAR (पुनरावृत्ति वर्ष)

CASE-3

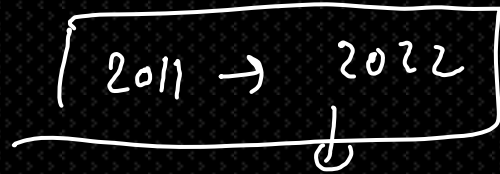
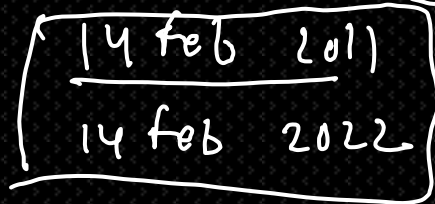
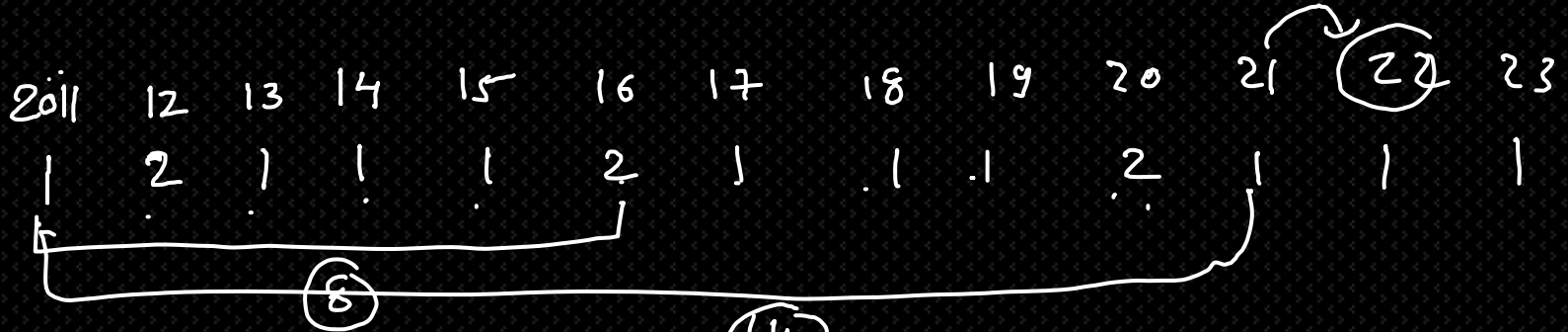
(7)

(14)

Next

Q39. Which year is same as 2011? कौन सा वर्ष 2011 के समान है?

- 1. 2018
- 2. 2017
- 3. 2022
- 4. 2023



Q39. Which year is same as 2011? कौन सा वर्ष 2011 के समान है?

1. 2018
2. 2017
3. 2022
4. 2023

2018 19 20 21 22 23 24 25 26 27 28 29 30
! ! 2 ! ! ! 2 ! ! ! 2

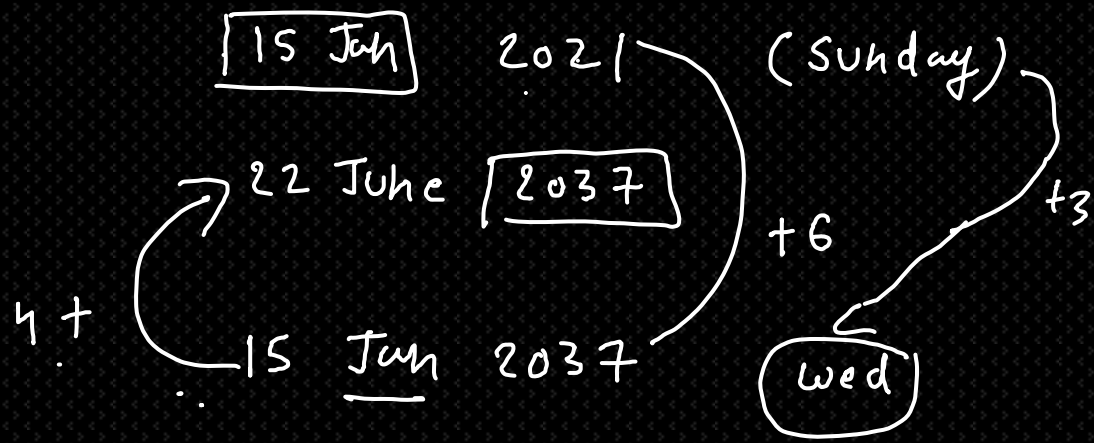
1999

S.Y. 2018 → L.Y. 2024

2024

1999

1898



$$\begin{array}{r}
 2037 \\
 - 2021 \\
 \hline
 \times 16 \\
 \hline
 \end{array}$$

24 28 32 36

Sunday $(-16)(+4) = (10) = (3)$

$(16 + 4) = (6)$

$$\begin{array}{r}
 81 \\
 -15 \\
 \hline
 -160 \\
 2
 \end{array}
 + 0 + \cancel{3} + 2 + \cancel{3} + \cancel{22}$$

(9)