

ROJGAR WITH ANKIT

Calendar

PART → 5#

महीनों के कोड

महीनों के नाम	साधारण वर्ष	लीप वर्ष
January	1	0
February	4	3
March	4	4
April	0	0
May	2	2
June	5	5
July	0	0
August	3	3
September	6	6
October	1	1
November	4	4
December	6	6

दिनों के कोड

0 → Sunday
1 → Monday
2 → Tuesday
3 → Wednesday
4 → Thursday
5 → Friday
6 → Saturday

शताब्दी	विषम दिन
100	— 5
200	— 3
300	— 1
400	— 0

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(1). 8, May, 2024 को कौन-सा दिन है-

$$8 + 2 + 0 + 24 + 6 + 5$$

$$\cancel{1} + \cancel{2} + 0 + 3 + \cancel{6} + \cancel{5}$$

3 → बुधवार (Wednesday)

$$\begin{array}{r} 2024 \\ \swarrow \quad \searrow \\ 2000 \quad 24 \\ \downarrow \\ 0 \\ 4 \overline{) 24} (6 \\ \underline{24} \\ 0 \end{array}$$

(2). 25, October, 2015 को कौन-सा दिन था-

$$25 + 1 + 0 + 15 + 3 + 5$$

$$\cancel{4} + \cancel{1} + 0 + \cancel{1} + \cancel{3} + \cancel{5}$$

0 → रविवार (Sunday)

$$\begin{array}{r} 2015 \\ \swarrow \quad \searrow \\ 2000 \quad 15 \\ \downarrow \\ 0 \\ 4 \overline{) 15} (3 \\ \underline{12} \\ 3 \end{array}$$

(3). 2, October, 1869 को कौन-सा दिन था-

$$2 + 1 + 3 + 69 + 17 + 5$$

$$\cancel{2} + \cancel{1} + \cancel{3} + 6 + \cancel{3} + \cancel{5}$$

6 → शनिवार (Saturday)

$$\begin{array}{r} 1869 \\ \swarrow \quad \searrow \\ 1800 \quad 69 \\ \textcircled{3} \leftarrow 1800 \quad 200 \quad 69 \\ \underline{1600} \quad 0 \\ 4 \overline{) 69} (17 \\ \underline{4} \\ 29 \\ \underline{28} \\ 1 \end{array}$$

(4). 17, January, 2000 को कौन-सा दिन था-¹

$$17 + 0 + 0 + 5$$

$$3 + 5$$

$\frac{8}{7} \rightarrow 1$ शेष → सोमवार (Monday)

(5). 15, March, 2001 को कौन-सा दिन था-

$$15 + 4 + 0 + 1 + 0 + 5$$

$$\cancel{1} + 4 + \cancel{1} + \cancel{5}$$

4 → बृहस्पतिवार (Thursday)

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(6). 25, November, 2002 को कौन-सा दिन था-

$$25 + 4 + 0 + \cancel{2} + \cancel{0} + \cancel{5}$$

$$\frac{29}{7} \rightarrow 1 \text{ शेष} \rightarrow \text{सोमवार (Monday)}$$

Type-1

दिन ज्ञात करना - जब अंतर एक वर्ष से कम हो

(1). 15, March, 2014 - मंगलवार (Tuesday)

19, July, 2014 - ? मंगलवार (Tuesday)

$$\text{March} \rightarrow 31 - 15 \rightarrow 16 \quad \cancel{2}$$

$$\text{April} \rightarrow \cancel{30} \quad \cancel{2}$$

$$\text{May} \rightarrow \cancel{31} \quad \cancel{3}$$

$$\text{June} \rightarrow \cancel{30} \quad \cancel{2}$$

$$\text{July} \rightarrow \cancel{19} \quad \cancel{5}$$

(2). 19, July, 2010 - शुक्रवार (Friday) + 5

9, October, 2010 - ? बुधवार (Wednesday)

$$\text{July} \rightarrow 31 - 19 = 12 \quad \cancel{5}$$

$$\text{Aug} \rightarrow \cancel{31} \quad \cancel{3}$$

$$\text{Sep} \rightarrow \cancel{30} \quad \cancel{2}$$

$$\text{Oct} \rightarrow \cancel{9} \quad \cancel{2}$$

(3). 15, March, 2015 - बुधवार (Wednesday)

12, July, 2015 - ? बुधवार (Wednesday)

$$\cancel{2} + \cancel{2} + \cancel{3} + \cancel{2} + \cancel{5}$$

(4). 25, January, 2015 - बुधवार (Wednesday) + 1

26, October, 2015 - ? ब्रह्मस्पतिवार (Thursday)

$$6 + 0 + 3 + \cancel{2} + \cancel{3} + \cancel{2} + 3 + 3 + \cancel{2} + \cancel{5}$$

$$\frac{15}{7} \rightarrow 1 \text{ शेष}$$

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- (5). 1, January, 1950 - मंगलवार (Tuesday)
2, January, 1950 - बुधवार (Wednesday)
30, December, 1950 - ? सोमवार (Monday) (✓)
31, December, 1950 - मंगलवार (Tuesday)
साधारण वर्ष

