Calender

Calenders:

Odd-days:

-> The no-of extra days that are gresent when divisible by 7.

1) Non-Leap year =
$$\frac{365}{7}$$
 = 1

2) Leap year = $\frac{366}{7}$ = 2

odd days

Leap year:

1 Earth year = 365 Days 5 hrs 48 min 48 sec 6 6 x x = 2 x hos = 1 day Rules:

- 100 (Leap year)

- 400 (NLP)

(Leap year)

= for every 100 years,

odd days = 76 nlp + 24 lp

= (76x1) + (24x2)

= 76+48 (= by 7)

= 124/7

+400 = 5 odd days.

> 100 years = 5 odd days = 500, 900, 1300-
> 200 years = 3 odd days = 600, 1000, 1400-
> 300 years = 1 odd days = 700, 100, 1500-
> 400 years = 0 odd days = 800, 1200, 1600-
(* for 200 years we do (5 + 5) ./ 7 = 3 odd days)

\$ Model 1:

Day on a Particular Date:

29-01-2005.

15-08 - 1947 ·

19-06-1440

2 1 mp things to rembers when doing 1 question.
1) when year is given as 1440 cake odd days
for 1439 years same goes for months
John von de la mean av not
2) Check whether given year is le year or not
to keep o odd days or 1 odd days for feb month.
X
=> dast days of Century years:
100 yrs - 5 (7ti)
200 yris - 3 (Wed)
300 urs - 1 (Mon)
400 yris - 0 (Sun)
20
-> Tue, Thu, Sat are not last clays of
century years-
=) Same Calender year.
Ip +28 > 7 Only works when
lp+1 +6 } there are comistent
1p+2 leap years in blu.
$lp+3$ \longrightarrow





