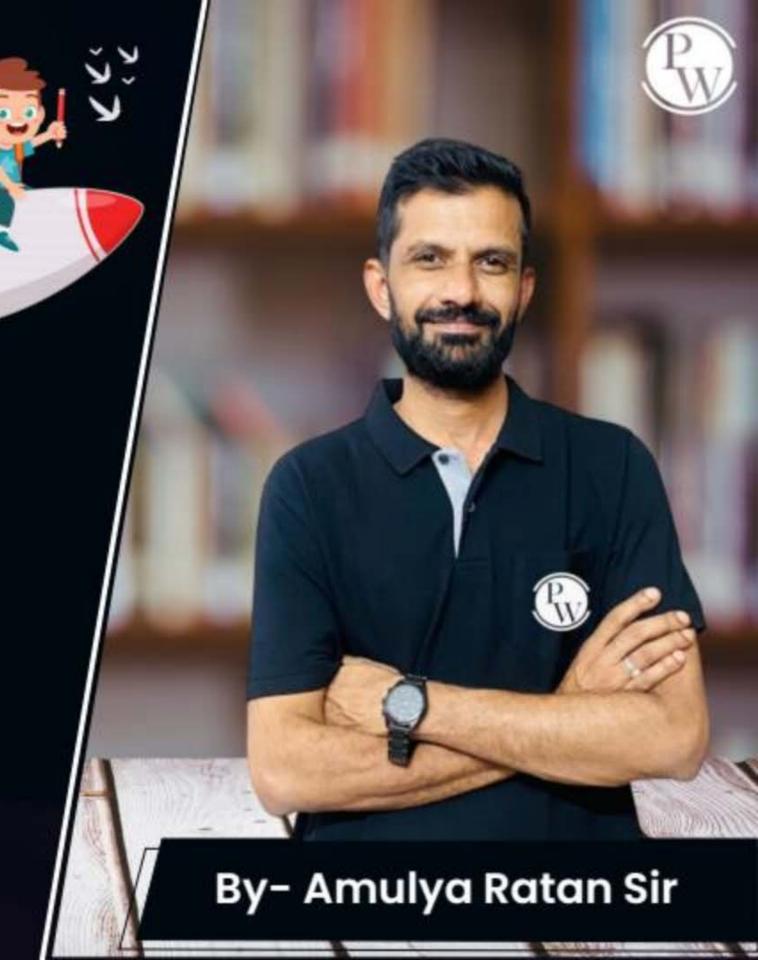
GATE Data Science & Al



General Aptitude

QUANTITATIVE APTITUDE



Lecture No.- 01

Topics to be Covered







Topic-1

Calendar







CALENDAR

Prelish

SOLAR

Julian

On 18.1 Use

Basic Questions





1. Use of CALENDAR?

2. How many months in a year consist of 30 days?

3. Which is the first day of a week? _> OUNDAY

4. What is the difference between A.D. & B.C.?

LEAP YEAR Occurrence





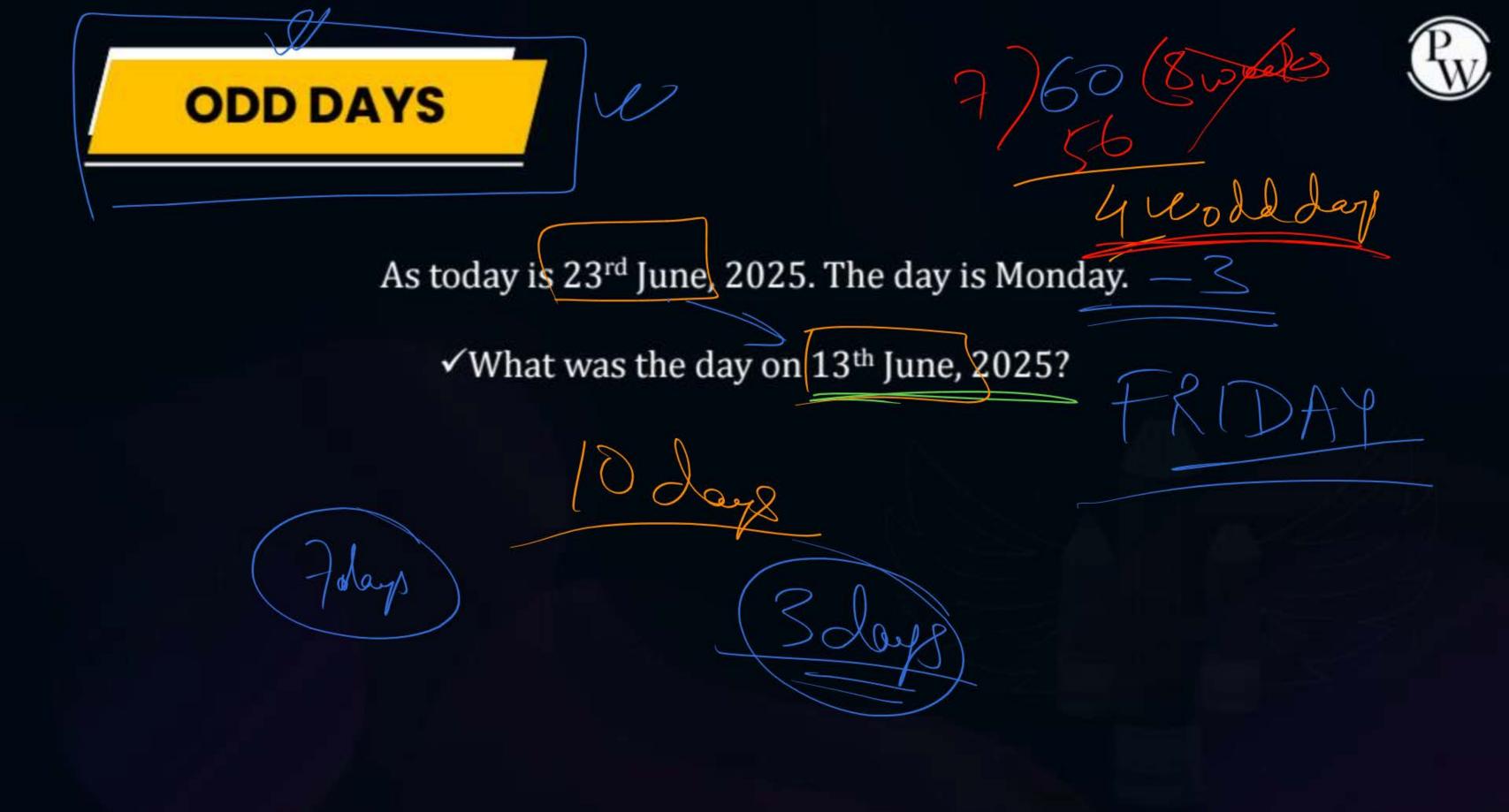
365 365+1=366 Lange



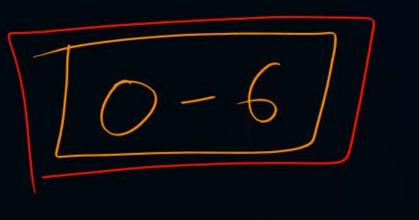
To be Noted:

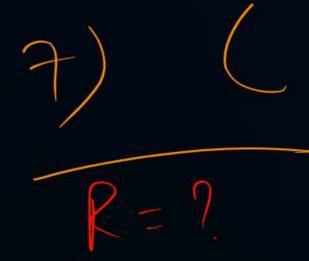
✓If a year is divisible by 4 then it's a leap year else normal. e.g. 1652, 1212, 1496, 1708, etc. are leap years whereas 1714, 1446, 2006 etc. are normal years.

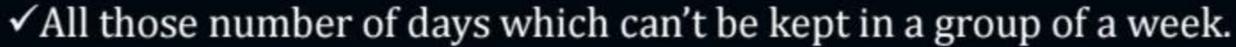
✓If a century is divisible by 400 then it's a leap year else normal. e.g. 1600, 1200, 2000, 800 etc. are leap years whereas 1000, 1500, 2100 etc. are normal years.



ODD DAYS





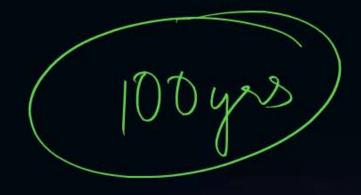


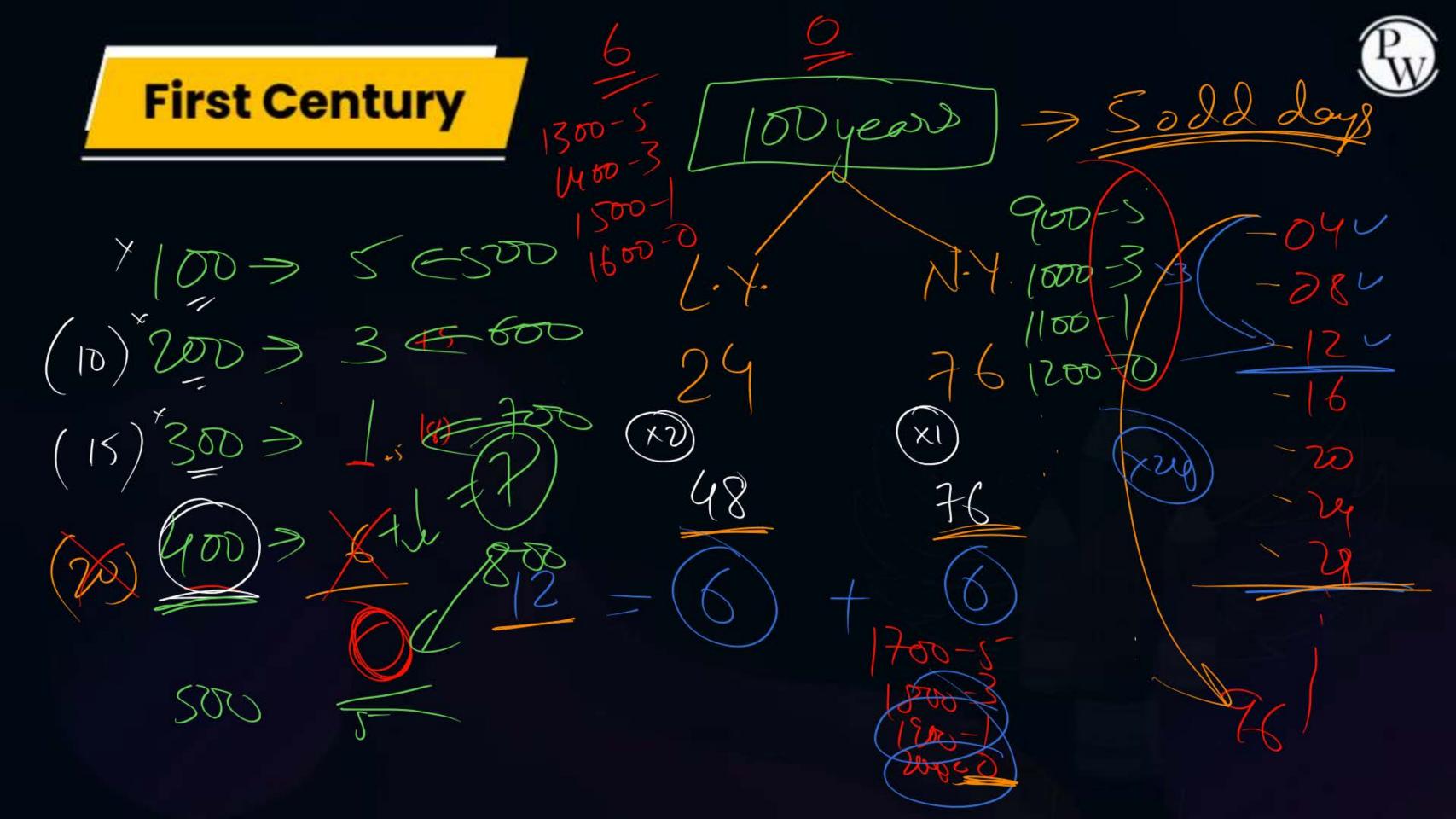
OR

✓ When given number of days is divided by 7, the remainder is called as odd days.

Normal Year & Leap Year







Odd Days in Centuries





$$2000 > 0$$
 $6h$ $0ct$, 2004
 $3 > 3$
 $2003 > (3) + 0 = 3$
 $0 - 5m$ $4 - 7m$ $(21) = 3$
 $1 - 17m$ $5 - 6$
 $2 - 7m$ $6 - 5d$ $(31) = 3$
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720dd day



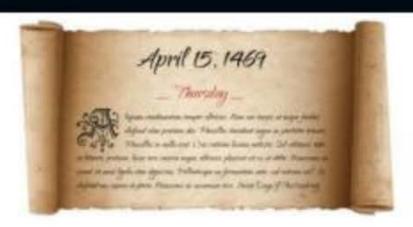


#Q. Guru Nanak was born on 15th April, 1469. What was the week day?









April 15, 1469: Day of the Week

April 15, 1469 was the 105th day of the year 1469 in the Gregorian calendar.

There were 260 days remaining until the end of the year. The day of the week was *Thursday*.

The day of the week for April 15, 1469 under the old Julian calendar was Saturday. Did you notice the difference with the Gregorian calendar?

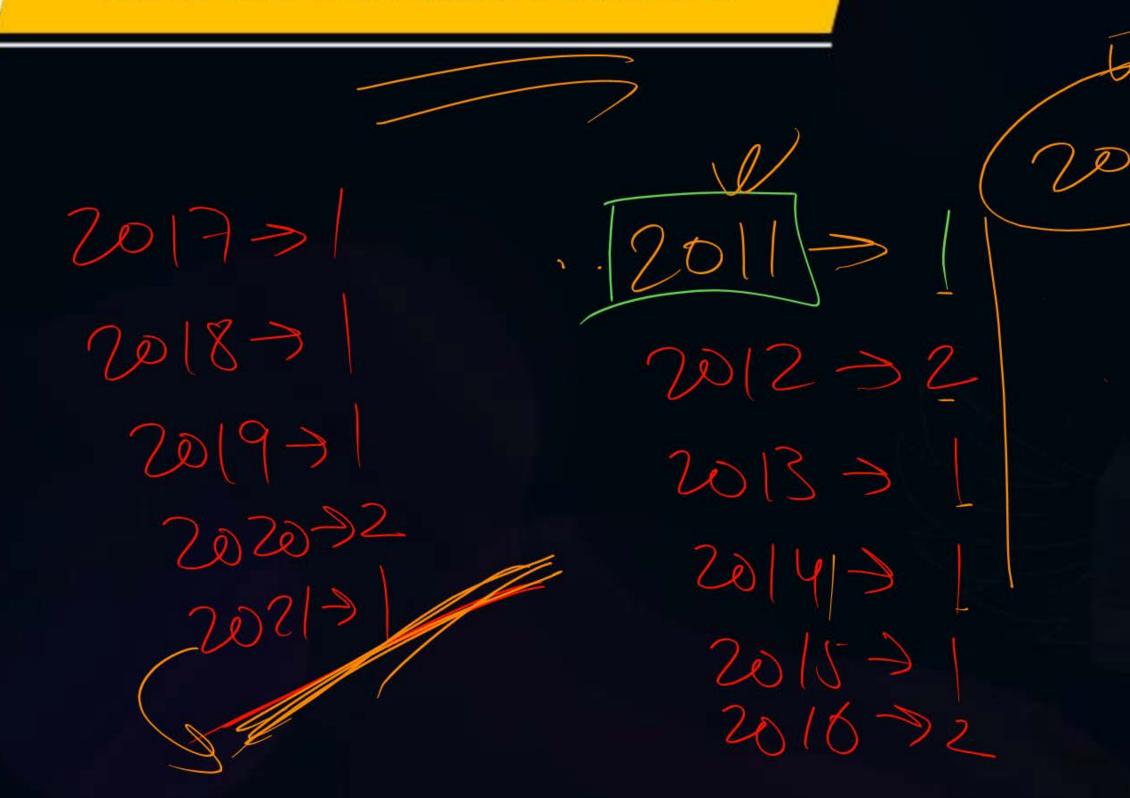


Dedrisdan

5 odd days

CALENDAR REPETITION





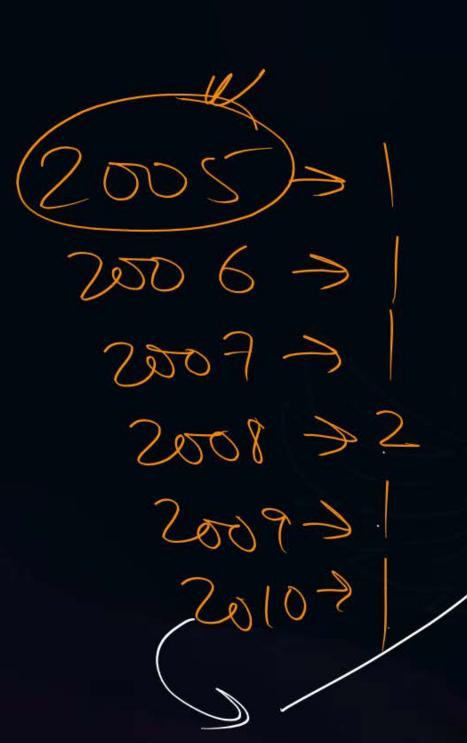


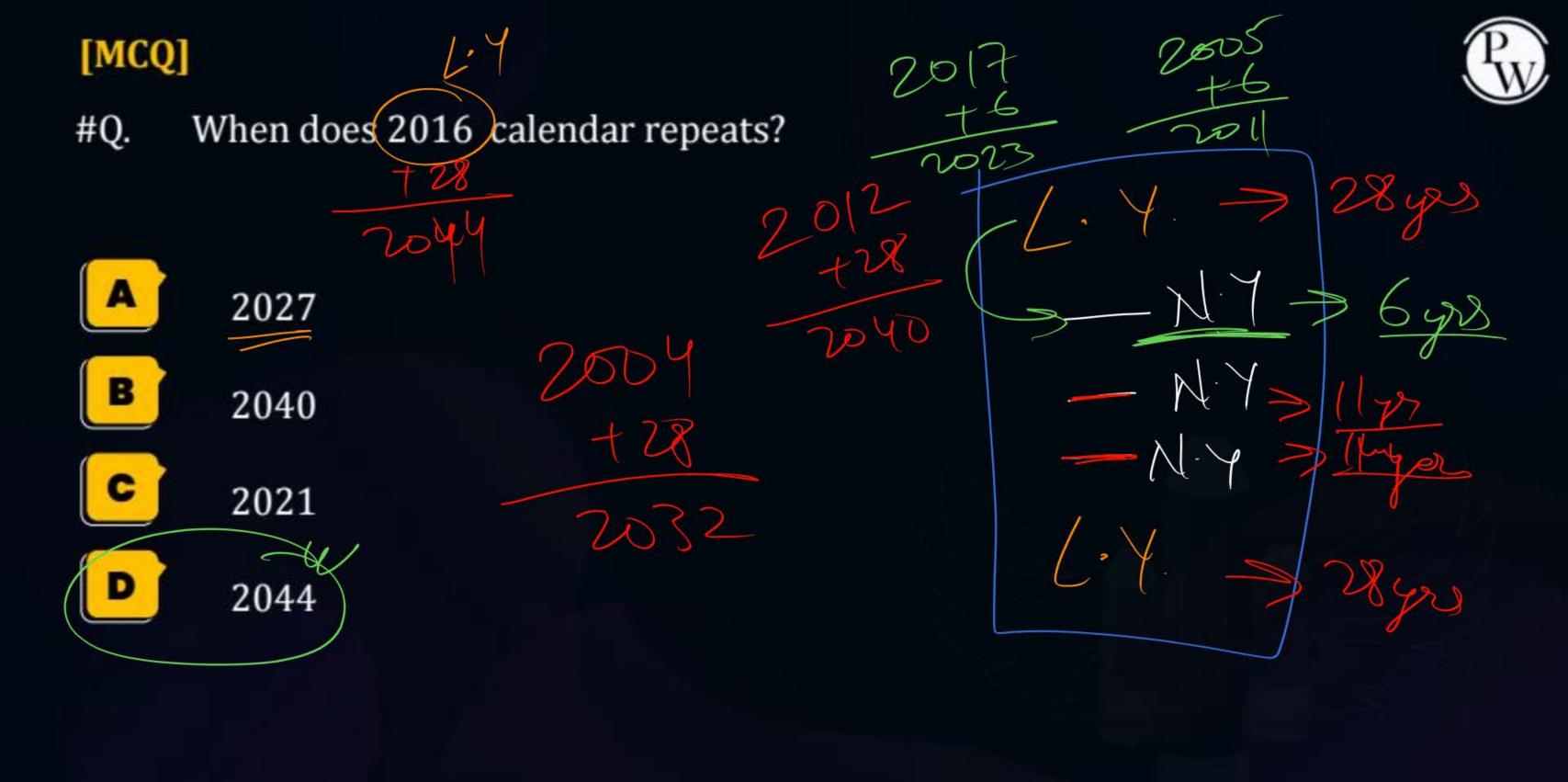
#Q. 2005 calendar is same as which of the given years?



2011

D 2015







#Q. The GATE 2020 result was declared on March 16, 2020. What day of the week was it?



- Sunday
- Monday
- None

Conditional Question



8. If a year consist of 900 days and every week consist of 6 days the

Conditional Question



Q The last day of a century CANNOT be which day? WOS Friday Jan Ecoles 300 > 1 May c



#Q. Mahatma Gandhi was born on 2nd October 1869. What was the week Day?

Acog mant

- Monday
- **B** Thursday
- Tuesday
- Saturday



#Q. The day of the March 16th of any year is the same day of the week as the corresponding date in which month of the same year?











If January 1st, 1992 was a Wednesday. What day of the week was January #Q. Assignment

1st, 2003?



- Wednesday
- Thursday
- Friday



2 mins Summary

u



Topic

Calendar



THANK - YOU