

## Day sequence Test

**Day sequence Test :** In these question a date given with the day of the week (Monday, etc.....) using that information you will be asked to find out day of other date.

**Approach :** 1) Find the No. of years and No. of days between the "given date" and "asked date".

2) Divide the No. of days by 7.

3) Find the remainder of the division.

4) If the remainder is '0' then the required day is as same as "given days".

5) If the remainder is '1' then the required day is the next day to given day in question date?

6) If the remainder is '2' then the required day is two days after the "given date", so on for the 3, 4, 5 and 6 reminders.

**Example :**

**1)** If 15 th August is Monday, 17 th November comes on which day?

**Answer:** August month has 31 day, September has 30 days and October has 31 days.

The number of days between 15 th August to 17 th November =  $16 + 30 + 31 + 17 = 94$   $94/7$ , it leaves remainder 3. 17 th November = 3 days after Monday.

i.e. Thursday.

**2)** If 7 th February of 2006 is Saturday, 24 th April 2006 comes on which day?

**Answer:** 2006 is not a leap year, so February has 28 days, March 2006 has 31 days.

The No. of days between 7 th February 2006 to 24 th April 2006 =  $21 + 31 + 24 = 76$ .  $76/7$ , it leaves remainder 6, 24 th April 2006 = 6 days after Saturday = Friday. **3)** 14 th December 2004 is

Monday, 25 th November 2005 comes on which day? **Answer:** The No. of days between 14 th

December 2004 to 25 th November 2005 =  $365 - 19$  (days gap between 14 th December to 25 th November = 19 and 2005 is a normal year) = 346.  $346/7$ , it leaves remainder 3

25 th November 2005 = 3 days after Monday = Thursday.

**4)** If 26 th March 2006 is Friday, 18 th May 2008 is comes on which day?

**Answer:** Days between **Step 1 :** from 26 th March 2006 to 25 th March 2007 - 365 days

Step 2 : from 26 th March 2007 to 25 th March 2008 – 366 days 26 th March 2008 to 18 th May 2008 =  $31 + 22 = 53$  days Total days =  $365 + 366 + 53 = 784$   $784/7 = 112$ , it leaves no

remainder.

18 th May 2008 is also Friday.

Tips :

- 1) A year has 365 days
- 2) A leap year has 366 days
- 3) Any year is divisible by 4 is a leap year e.g. 2004, 2008,.....
- 4) In normal year, February has 28 days but leap year has 29 days. Hence the leap year has one day extra than normal year.
- 5) In a normal year, if the year begins with Sunday, it ends with Sunday. The next year starting day will be Monday.
- 6) In a Leap year, if the year begins with Sunday, it ends with Monday, the starting day of the next year of the leap year will be Tuesday.
- 7) The no. of days in January = 31 days  
The no. of days in February = 28 or 29 days  
The no. of days in March = 31 days  
The no. of days in April = 30 days  
The no. of days in May = 31 days  
The no. of days in June = 30 days  
The no. of days in July = 31 days  
The no. of days in August = 31 days  
The no. of days in September = 30 days  
The no. of days in October = 31 days  
The no. of days in November = 30 days  
The no. of days in December = 31 days
- 8) In a normal year, it has 52 weeks and one day.
- 9) In a leap year, it has 52 weeks and 2 days.
- 10) For every 400 years, the day repeats. e.g. 14 th April 1604 is Wednesday,  
14 th April 2004 is also Wednesday.