Aptitude :: Calendar

Exercise : Calendar - General Questions

- ☐ Calendar - Formulas
- ☑ Calendar - General Questions

1. It was Sunday on Jan 1, 2006. What was the day of the week Jan 1, 2010?

(A) Sunday

(B) Saturday

(C) Friday

(D) Wednesday

Answer: Option (C)

Explanation:

On 31st December, 2005 it was Saturday.

Number of odd days from the year 2006 to the year 2009 = (1 + 1 + 2 + 1) = 5 days.

∴ On 31st December 2009, it was Thursday.

Thus, on 1st Jan, 2010 it is Friday.

2. What was the day of the week on 28th May, 2006?

Ⓐ Thursday

Ⓑ Friday

Ⓒ Saturday

Ⓓ Sunday

Answer: Option Ⓓ

Explanation:

28 May, 2006 = (2005 years + Period from 1.1.2006 to 28.5.2006)

Odd days in 1600 years = 0

Odd days in 400 years = 0

5 years = (4 ordinary years + 1 leap year) = (4 × 1 + 1 × 2) ≡ 6 odd days

```
Jan. Feb. March April May (31 + 28 + 31 + 30 + 28 ) = 148 days
```

∴ 148 days = (21 weeks + 1 day) ≡ 1 odd day.

Total number of odd days = (0 + 0 + 6 + 1) = 7 ≡ 0 odd day.

Given day is Sunday.

3. What was the day of the week on 17th June, 1998?

Ⓐ Monday

Ⓑ Tuesday

Ⓒ Wednesday

Ⓓ Thursday

Answer: Option Ⓒ

Explanation:

17th June, 1998 = (1997 years + Period from 1.1.1998 to 17.6.1998)

Odd days in 1600 years = 0

Odd days in 300 years = (5 × 3) ≡ 1

97 years has 24 leap years + 73 ordinary years.

Number of odd days in 97 years (24 × 2 + 73) = 121 = 2 odd days.

```
Jan. Feb. March April May June (31 + 28 + 31 + 30 + 31 + 17) = 168 days
```

∴ 168 days = 24 weeks = 0 odd day.

Total number of odd days = (0 + 1 + 2 + 0) = 3.

Given day is Wednesday.

4. What will be the day of the week 15th August, 2010?

(A) Sunday

(B) Monday

(C) Tuesday

(D) Friday

Answer: Option (A)

Explanation:

15th August, 2010 = (2009 years + Period 1.1.2010 to 15.8.2010)

Odd days in 1600 years = 0

Odd days in 400 years = 0

9 years = (2 leap years + 7 ordinary years) = (2 × 2 + 7 × 1) = 11 odd days ≡ 4 odd days.

```
Jan. Feb. March April May June July Aug. (31 + 28 + 31 + 30 + 31 + 30 + 31 + 15) = 227 days
```

∴ 227 days = (32 weeks + 3 days) ≡ 3 odd days.

Total number of odd days = (0 + 0 + 4 + 3) = 7 ≡ 0 odd days.

Given day is Sunday.

5. Today is Monday. After 61 days, it will be:

(A) Wednesday

(B) Saturday

(C) Tuesday

(D) Thursday

Answer: Option (B)

Explanation:

Each day of the week is repeated after 7 days.

So, after 63 days, it will be Monday.

∴ After 61 days, it will be Saturday.

Prev 1 2 3 Next

Current Affairs
Check out the latest current affairs questions and answers.

Quick links

Quantitative Aptitude

- Arithmetic
- Data Interpretation

Verbal (English)

- Verbal Ability
- Verbal Test

Reasoning

- Logical
- Verbal
- Nonverbal

Programming

- C Programming
- C++
- C#
- Java

Interview

- GD
- HR
- Technical Interview

Placement Papers

- Placement Papers
- Submit Paper