



Name of the Bundle	ADVANCED BUNDLE V2	Subject	APTITUDE
Topic	CALENDAR	Last updated on	20 January 2024

## TYPE 1 – INTRODUCTION

1) Which calendar is used in the entire world at present?

- Chinese Calendar.
- Indian Calendar.
- Gregorian Calendar.
- Julian Calendar.

**ANS: c) Gregorian Calendar**

**Explanation:**

- Gregorian Calendar was founded by Henry Gregorian in 1576 AD but was introduced by Pope Gregory XIII in 1582 AD.

2) Which calendar is used by the Indian government for its official purpose?

- Tamil Calendar.
- Shalivahana Shaka Calendar.
- Vikram Samvat Calendar.
- Malayalam Calendar.

**ANS: b) Shalivahana Shaka Calendar/ Saka Samvat.**

**Explanation:**

- Saka Samvat / Indian National Calendar has 12 months starting from 1st April to 31st March.
- Saka Samvat is generally 78 years behind the Gregorian Calendar, except from January to March, when it is behind by 79 years.

3) What is the actual duration of a year?

- 365 days, 5 hours, 48 minutes, 45.98 seconds.
- 365 days, 5 hours, 48 minutes, 45 seconds.
- 365 days, 5 hours, 48 minutes, 46 seconds.
- 365 days, 5 hours, 48 minutes, 46.98 seconds.

**ANS:a) 365 days, 5 hours, 48 minutes, 45.98 seconds.**

**IT Support and Development Training Programme**

Creating Employable Engineers and Entrepreneurs



Name of the Bundle	ADVANCED BUNDLE V2	Subject	APTITUDE
Topic	CALENDAR	Last updated on	20 January 2024

- 4) What is the actual duration of a day?
- 23 hours and 57 minutes.
  - 23 hours, 56 minutes, 04 seconds.
  - 24 hours
  - 23 hours and 56 minutes.

**ANS:b) 23 hours, 56 minutes, 04 seconds.**

## TYPE 2 – BASIC PROBLEMS

5) Find the odd one out:

- 1152
- 1476
- 1986
- 1692

**ANS: c) 1986**

**Explanation:**

Every other option except option c is a Leap year.

- The Non-Century Leap year should be divisible by 4.( 1 Century = 100 years).

6) Find the odd one out:

- 600
- 500
- 400
- 900

**ANS: c) 400**

**Explanation:**

Every other option except option c is a Non- Leap year.

- The Century Leap year should be divisible by 400.( 1 Century = 100 years).



Name of the Bundle	ADVANCED BUNDLE V2	Subject	APTITUDE
Topic	CALENDAR	Last updated on	20 January 2024

7) The maximum and Minimum gap between two successive Leap years is

- a) 7 years, 4 years.
- b) 7 years, 5 years.
- c) 8 years, 4 years.
- d) 8 years, 5 years.

**ANS: c) 8 years, 4 years.**

**Explanation:**

Case 1: When Century but Non Leap year came in between two successive Leap years, Maximum gap occurs.

e.g: Between 1896 and 1904 , 1900 came which is the century but non leap year therefore 8 years of gap will be there.

Case 2: Otherwise, Minimum gap occurs.

e.g: Between 1892 and 1896 , there will be 4 years of gap.

8) How many days are there in X weeks and X days?

- a) 7X days.
- b) 7X days and X days.
- c) 7X weeks and X days.
- d) 8X days.

**ANS: d) 8X days.**

**Explanation:**

1 week = 7 days.

X week = 7X days.

X week + X days = ( 7X + X ) = 8X days.



Name of the Bundle	ADVANCED BUNDLE V2	Subject	APTITUDE
Topic	CALENDAR	Last updated on	20 January 2024

9) How many leap years are there in the first 100 years?

- a) 25 leap years.
- b) 24 leap years.
- c) 75 leap years.
- d) 76 leap years.

**ANS: b) 24 leap years.**

**Explanation:**

Given year is divided by 4, and the quotient gives the number of leap years.

Here,  $100/4 = 25$ .

But, 100 is not a leap year. Since, the Century Leap year should be divisible by 400.

( 1 Century = 100 years)

Therefore,  $25 - 1 = 24$  leap years.

10) How many times 29th Feb will occur in the first 100 years?

- a) 25 times.
- b) 24 times.
- c) 75 times.
- d) 76 times.

**ANS: b)24 times.**

**Explanation:**

Only Leap year has 29th Feb.In the first 100 years, there are 24 Leap years.

Therefore, 29th Feb will occur 24 times.



Name of the Bundle	ADVANCED BUNDLE V2	Subject	APTITUDE
Topic	CALENDAR	Last updated on	20 January 2024

## TYPE 3 – EXTRA / ODD DAYS

11) Find Extra/Odd days in 77 days, 12 days, 67 days, 41 days, 39 days, 26 days.

- a) Extra days/ Remainder =  $77/7 = 0$  Extra days.
- b) Extra days/ Remainder =  $12/7 = 5$  Extra days.
- c) Extra days/ Remainder =  $67/7 = 4$  Extra days.
- d) Extra days/ Remainder =  $41/7 = 6$  Extra days.
- e) Extra days/ Remainder =  $39/7 = 4$  Extra days.
- f) Extra days/ Remainder =  $26/7 = 5$  Extra days.

12) Find odd days in 46, 99, 53, 76, 83 years respectively?

- a) Number of leap years in 46 years =  $46/4 = 11$  years (Quotient)

$$\text{Extra days/ Remainder} = (46 + 11) / 7 = 1 \text{ Extra day.}$$

NOTE: 46 – Common extra days between normal and leap year.

11 – Extra days due to 11 leap years.

- b) Number of leap years in 99 years =  $99/4 = 24$  years (Quotient)

$$\text{Extra days/ Remainder} = (99 + 24) / 7 = 4 \text{ Extra days.}$$

- c) Number of leap years in 53 years =  $53/4 = 13$  years (Quotient)

$$\text{Extra days/ Remainder} = (53 + 13) / 7 = 3 \text{ Extra days.}$$

- d) Number of leap years in 76 years =  $76/4 = 19$  years (Quotient)

$$\text{Extra days/ Remainder} = (76 + 19) / 7 = 4 \text{ Extra days.}$$

- e) Number of leap years in 83 years =  $83/4 = 20$  years (Quotient)

$$\text{Extra days/ Remainder} = (83 + 20) / 7 = 5 \text{ Extra days.}$$



<b>Name of the Bundle</b>	ADVANCED BUNDLE V2	<b>Subject</b>	APTITUDE
<b>Topic</b>	CALENDAR	<b>Last updated on</b>	20 January 2024

## TYPE 4 – APPLICATION OF EXTRA DAYS / NORMAL YEAR / LEAP YEAR

13) If 1st Jan 2014 was Saturday then which day of the week would be on 1st Jan 2015?

- a) Friday.
- b) Saturday.
- c) Sunday.
- d) Monday.

**ANS: c) Sunday.**

**Explanation:**

- 2014 is a Normal year – Extra day - 1 day.

Therefore, Saturday + 1 day = Sunday.

14) If 1st Jan 2024 was Monday then which day of the week would be on 1st Jan 2025?

- a) Friday.
- b) Wednesday.
- c) Sunday.
- d) Monday.

**ANS: b) Wednesday.**

**Explanation:**

- 2024 is a Leap year – Extra days - 2 days.

Therefore, Monday + 2 days = Wednesday.



Name of the Bundle	ADVANCED BUNDLE V2	Subject	APTITUDE
Topic	CALENDAR	Last updated on	20 January 2024

15) If 1st Jan 2023 was Sunday then which day of the week would be on 1st Jan 2025?

- a) Wednesday.
- b) Saturday.
- c) Sunday.
- d) Monday.

**ANS: a) Wednesday.**

**Explanation:**

- 2023 is a Normal year – Extra day - 1 day.
- 2024 is a Leap year – Extra days - 2 days.

Therefore, Sunday + 3 days = Wednesday.

16) If the first day of 1795 was Monday then which day of the week would be the last day of 1795?

- a) Wednesday.
- b) Tuesday.
- c) Thursday.
- d) Monday.

**ANS: d) Monday.**

**Explanation:**

- 1795 is a Normal year – Extra day - 1 day.

i.e. 1st Jan 1796 would be Monday + 1. Then, 31st Dec 1795 would be Monday itself.

**NOTE:** For a Normal Year , the starting and ending day of the year will be the same.



Name of the Bundle	ADVANCED BUNDLE V2	Subject	APTITUDE
Topic	CALENDAR	Last updated on	20 January 2024

17) If the first day of 1252 was Wednesday then which day of the week would be the last day of 1252?

- a) Wednesday      b) Tuesday.      c) Thursday.      d) Monday.

**ANS: c) Thursday.**

**Explanation:**

- 1252 is a Leap year – Extra days - 2 days.

i.e. 1st Jan 1253 would be Wednesday + 2. Then, 31st Dec 1252 would be Wednesday + 1 = Thursday.

NOTE: For a Leap Year , the starting and ending day of the year will have 1 day difference.

18) If 3rd Jan 1998 is Tuesday then how many Wednesdays are there in 1998?

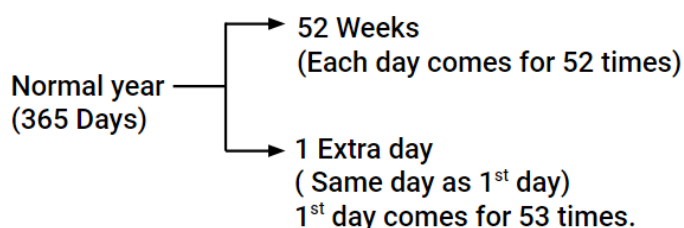
- a) 50 Wednesdays      b) 51 Wednesdays.  
c) 53 Wednesdays.      d) 52 Wednesdays.

**ANS: d) 52 Wednesdays.**

**Explanation:**

- If 3rd Jan 1998 is Tuesday then, 1st Jan 1998 would be Sunday.
- 1998 is a Normal year – Extra day - 1 day.

i.e. 1st Jan 1999 would be Sunday+1. Then, 31st Dec 1998 would be Sunday itself. Therefore Sunday comes for 53 times every other day comes for 52 times.







Name of the Bundle	ADVANCED BUNDLE V2	Subject	APTITUDE
Topic	CALENDAR	Last updated on	20 January 2024

19) If 1st Jan 2016 is Sunday then how many Mondays are there in 2016?

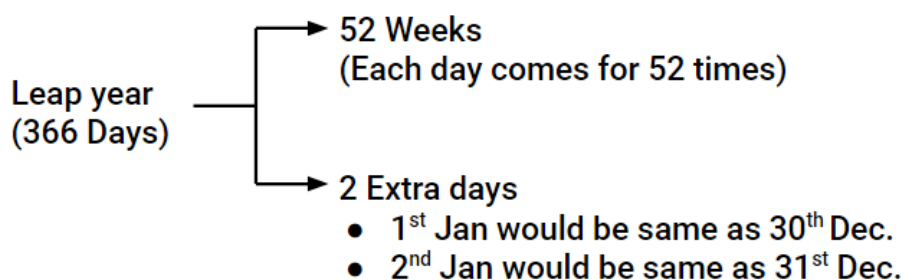
- a) 52 Mondays.
- b) 51 Mondays.
- c) 53 Mondays.
- d) 50 Mondays.

**ANS: a) 52 Mondays.**

**Explanation:**

- 2016 is a Leap year – Extra days - 2 days.  
i.e. 1st Jan 2017 would be Sunday + 2. Then,
  - 30th Dec 2016 would be Sunday.
  - 31st Dec 2016 would be Sunday + 1 = Monday.

Therefore Sunday and Monday come for 53 times , every other day comes for 52 times.





Name of the Bundle	ADVANCED BUNDLE V2	Subject	APTITUDE
Topic	CALENDAR	Last updated on	20 January 2024

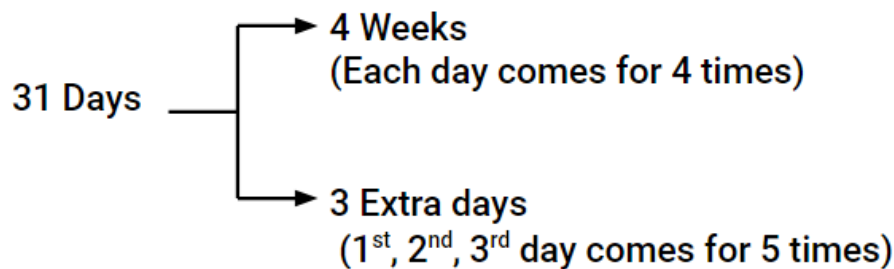
20) If every Saturday and Sunday is a holiday. How many working days will there be in a month of 31 days which begins on Friday.

- a) 20 days.
- b) 21 days.
- c) 10 days.
- d) 11 days.

**ANS: b) 21 days.**

**Explanation:**

- 31 days – Extra days - 3 days.



Therefore, Friday, Saturday and Sunday come for 5 times , every other day comes for 4 times.

- Saturday – 5 times ; Sunday – 5 times.

Total working days = 31- 10 = 21 days.

21) If every Tuesday, Wednesday and Sunday is a holiday. How many working days will there be in a month of 30 days which begins on Monday.

- a) 13 days.
- b) 12 days.
- c) 17 days.
- d) 18 days.

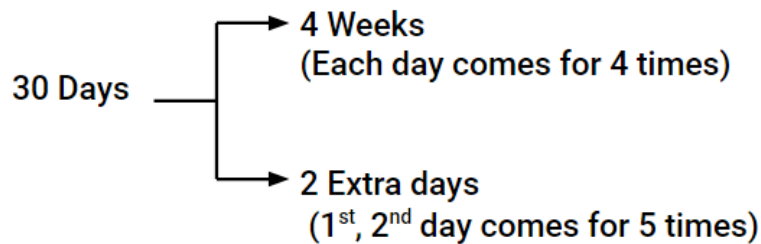
**ANS: c) 17 days.**



Name of the Bundle	ADVANCED BUNDLE V2	Subject	APTITUDE
Topic	CALENDAR	Last updated on	20 January 2024

### Explanation:

- 30 days – Extra days - 2 days.



Therefore, Monday and Tuesday come for 5 times , every other day comes for 4 times.

- Tuesday – 5 times ; Wednesday – 4 times ; Sunday – 4 times.

Total working days = 30- 13 = 17 days.

## TYPE 5 – PROBLEMS BASED ON FORWARD (+) / BACKWARD(-) MOVEMENT

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

- Tuesday
- Monday
- Sunday
- Saturday

**ANS: d) Saturday**

**Explanation:** Each day of the week is repeated after 7 days.

Extra days/Remainder =  $61/7 = +5$  or  $- 2$  days from the given day(Monday).

Therefore, Monday(1) + 5 = 6 (Saturday) or

Monday(1) - 2 = -1 or +6 i.e., Saturday.



Name of the Bundle	ADVANCED BUNDLE V2	Subject	APTITUDE
Topic	CALENDAR	Last updated on	20 January 2024

23) If 11th April 1994 was Sunday then which day of the week was 681 days back?

- a) Tuesday.
- b) Monday.
- c) Friday.
- d) Saturday.

**ANS: c) Friday.**

**Explanation:** Each day of the week is repeated after 7 days.

Extra days/Remainder =  $681/7 = -2$  or  $+5$  days from the given day(Sunday).

Therefore, Sunday(0 or 7)  $-2 = 5$  (Friday) or

Sunday(0 or 7)  $+5 = 5$  (Friday).

24) If 1st Mar 2007 was Tuesday then which day of the week would be on 27th Mar 2007?

- a) Friday.
- b) Wednesday.
- c) Sunday.
- d) Monday.

**ANS: c) Sunday.**

**Explanation:** Number of days in between 1st mar 2007 and 27th mar 2007 is

$(27-1 = 26$  days).

Extra days/Remainder =  $26 / 7 = +5$  days from the given day(Tuesday).

Therefore, Tuesday(2)  $+5 = 7$  (Sunday).



Name of the Bundle	ADVANCED BUNDLE V2	Subject	APTITUDE
Topic	CALENDAR	Last updated on	20 January 2024

25) If Today is Thursday then which day of the week would be after  $4^6$  days?

- a) Friday.
- b) Monday.
- c) Sunday.
- d) Saturday.

**ANS: a) Friday.**

**Explanation:**

$$\begin{aligned}\text{Extra days/Remainder} &= (4)^{3 \times 2} / 7 = (64)^2 / 7 = \{\text{Rem } (64/7)\}^2 = (1)^2 \\ &= +1 \text{ day from the given day (Thursday)}.\end{aligned}$$

Therefore, Thursday(4) +1 =5 ( Friday ).

26) If 11<sup>th</sup> Mar 2018 is Monday, then which day of the week would be  $2^{17}$  days back ?

- a) Monday.
- b) Thursday.
- c) Friday.
- d) Wednesday.

**ANS: b) Thursday.**

**Explanation:**

$$\begin{aligned}\text{Extra days/Remainder} &= 2^2 \cdot (2)^{3 \times 5} / 7 = 4 \cdot (8)^5 / 7 = \{\text{Rem } 4 \cdot (8/7)\}^5 = 4 \cdot (1)^2 = \\ &4 \\ &= - 4 \text{ days from the given day (Thursday)}.\end{aligned}$$

Therefore, Monday(1) - 4 or + 3 = 4 (Thursday).



Name of the Bundle	ADVANCED BUNDLE V2	Subject	APTITUDE
Topic	CALENDAR	Last updated on	20 January 2024

27) If 12th Feb 1986 was Friday then which day of the week would be on 25th April 1986?

- a) Tuesday
- b) Monday
- c) Sunday
- d) Saturday

**ANS: c) Sunday.**

**Explanation:**

The year 1986 is a non leap year, hence its Feb month has 28 days only.

- Feb =  $(28-12)=16$  days = 2 Extra days.
  - Mar = 31 days = 3 Extra days.
  - Apr = 25 days = 4 Extra days.
- =9 Extra days. = +2

Therefore, Friday(5) +2 =7 ( Sunday ).

28) If the day after tomorrow is Monday then which day of the week was the day before yesterday?

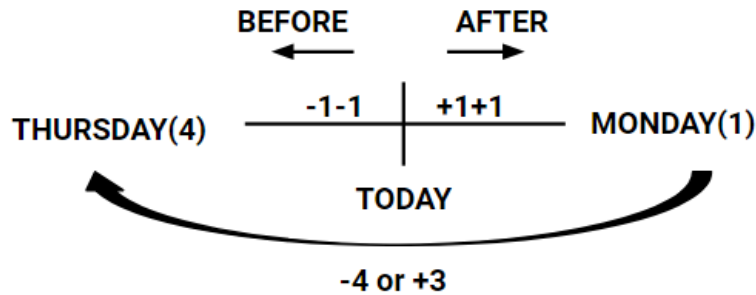
- a) Tuesday
- b) Monday
- c) Saturday
- d) Thursday

**ANS: d) Thursday.**

**Explanation:**



Name of the Bundle	ADVANCED BUNDLE V2	Subject	APTITUDE
Topic	CALENDAR	Last updated on	20 January 2024



NOTE: Tomorrow – +1

Yesterday – -1

Day after tomorrow – +1 +1 = +2  
-2

Day before yesterday – -1-1 =

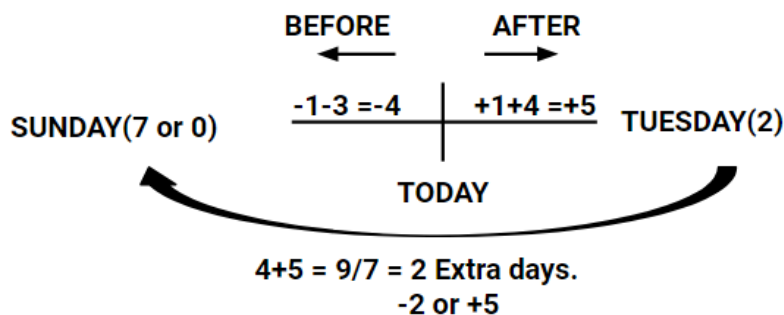
and so on...

29) If the 4 days after tomorrow is Tuesday then which day of the week was 3 days before yesterday?

- a) Friday.
- b) Sunday.
- c) Saturday.
- d) Tuesday.

ANS: b) Sunday.

Explanation:





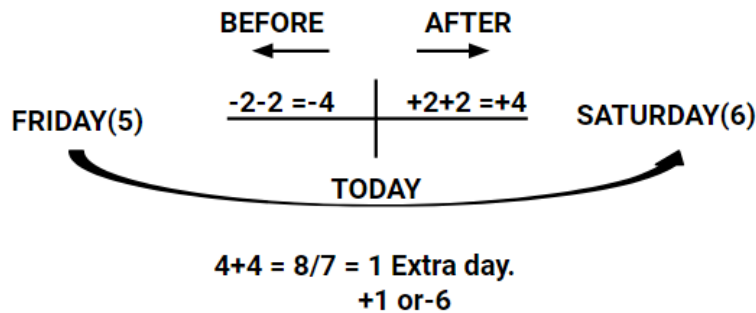
Name of the Bundle	ADVANCED BUNDLE V2	Subject	APTITUDE
Topic	CALENDAR	Last updated on	20 January 2024

30) If the 2 days before the day before yesterday is Friday then which day of the week was 2 days after the day after tomorrow?

- a) Friday.
- b) Sunday.
- c) Saturday.
- d) Tuesday.

**ANS: c) Saturday.**

**Explanation:**



### **TYPE 6 – REPETITION OF MONTHS IN A YEAR.**

NOTE: Day, Month, Year repeats if Extra days between them becomes zero or multiple of seven.

31) In any Normal year, the calendar of which upcoming month will match with January?

- a) November.
- b) October.
- c) December.
- d) April.

**ANS: b) October.**





<b>Name of the Bundle</b>	ADVANCED BUNDLE V2	<b>Subject</b>	APTITUDE
<b>Topic</b>	CALENDAR	<b>Last updated on</b>	20 January 2024

**Explanation:** In the Normal year, February has no Extra days.

MONTH	EXTRA DAYS
Jan	3
Feb	0
Mar	3
Apr	2
May	3
Jun	2
Jul	3
Aug	3
Sep	2
Total	21 extra days

which means zero extra days, therefore Jan calendar will repeat for OCTOBER month.

32) In any Leap year, the calendar of which upcoming month will match with January?

- a) November.
- b) October.
- c) December.
- d) April.

**ANS: d) April.**



<b>Name of the Bundle</b>	ADVANCED BUNDLE V2	<b>Subject</b>	APTITUDE
<b>Topic</b>	CALENDAR	<b>Last updated on</b>	20 January 2024

### Explanation:

In the Leap year, February has 1 Extra day.

MONTH	EXTRA DAYS
Jan	3
Feb	1
Mar	3
<b>Total</b>	<b>7 Extra days</b>

which means zero extra days, therefore Jan calendar will repeat for APRIL month.

### TYPE 7 – REPETITION OF BIRTHDAYS.

NOTE: Check for +5 or +6 or +11 years with the given year.

- +5 years – It should have 2 leap years and 3 normal years.
- +6 years – It should have 1 leap year and 5 normal years.
- +11 years – It should have 3 leap years and 8 normal years. (or)

It should have 10 leap years and 1 normal year.

33) A person celebrated his Birthday on 17th July 2017 and the day was Monday. Find out in which upcoming year he will celebrate his birthday again on Monday.

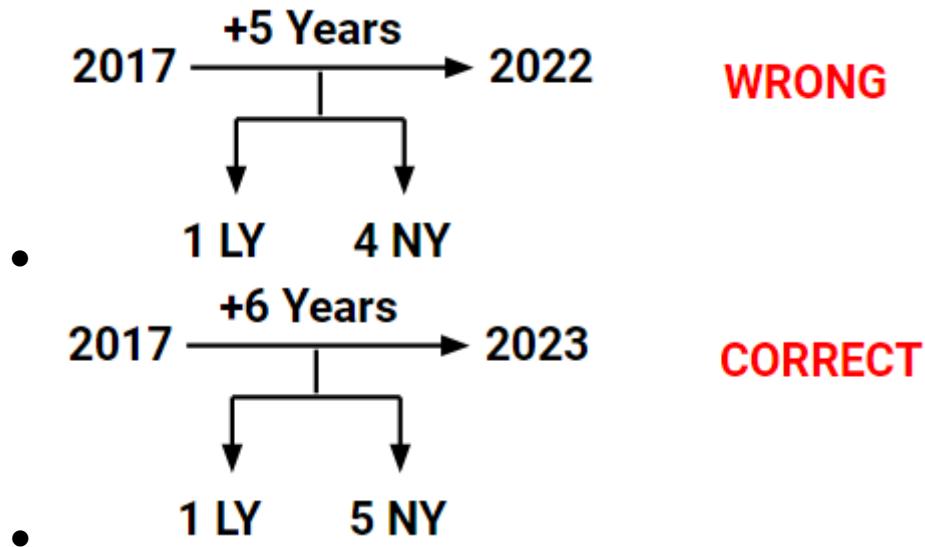
- 2022
- 2023
- 2028
- 2024

**ANS: b) 2023.**



Name of the Bundle	ADVANCED BUNDLE V2	Subject	APTITUDE
Topic	CALENDAR	Last updated on	20 January 2024

## Explanation:



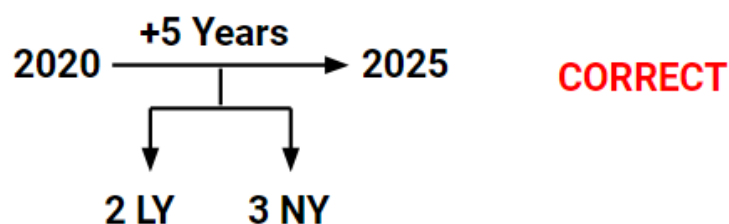
34) Arun celebrated his Birthday on 11<sup>th</sup> Jan 2020 and the day was Saturday. Find out in which upcoming year he will celebrate his birthday again on Saturday.

- a) 2025
- b) 2026
- c) 2031
- d) 2032

**ANS: a) 2025.**

## Explanation:

2020 is a Leap year, Feb is included therefore we have to consider 2020 too.





<b>Name of the Bundle</b>	ADVANCED BUNDLE V2	<b>Subject</b>	APTITUDE
<b>Topic</b>	CALENDAR	<b>Last updated on</b>	20 January 2024

## TYPE 8 –FIRST DAY AND LAST DAY OF CENTURY.

35) Which day can never be the first day of any century?

- a) Monday.
- b) Wednesday.
- c) Thursday.
- d) Saturday.

**ANS: b) Wednesday.**

**Explanation:**

FIRST DAY CAN BE	FIRST DAY CAN'T BE
MONDAY	SUNDAY
SATURDAY	FRIDAY
THURSDAY	WEDNESDAY
TUESDAY	

36) Which day can never be the Last day of any century?

- a) Sunday
- b) Wednesday
- c) Thursday
- d) Friday

**ANS: c) Thursday.**



# Selvam College of Technology



Accredited by NAAC with "A" Grade, UGC Recognized 2(f) Status,  
An ISO 9001:2015 Certified Institution, Approved by AICTE - New Delhi, Affiliated to Anna University - Chennai

PONNUSAMY NAGAR, SALEM ROAD(NH-44), NAMAKKAL - 637003. TAMILNADU.  
Mobile: 9942099122, 9942099109, Web: www.selvamtech.edu.in

<b>Name of the Bundle</b>	ADVANCED BUNDLE V2	<b>Subject</b>	APTITUDE
<b>Topic</b>	CALENDAR	<b>Last updated on</b>	20 January 2024

## Explanation:

LAST DAY CAN BE	LAST DAY CAN'T BE
MONDAY	SATURDAY
SUNDAY	THURSDAY
FRIDAY	TUESDAY
WEDNESDAY	

## TYPE 9 – FINDING ANY DAY OF THE WEEK IN A CALENDAR.

NOTE: Always take the century leap year(400,800,1200...) as reference.  
Since, its extra days are zero.

YEARS	NUMBER OF ODD DAYS
Ordinary Year	1
Leap Year	2
100, 500, 900 .....Years	5
200, 600, 1000 ..... Years	3
300, 700, 1100 ..... Years	1
400, 800, 1200 ..... Years	0



Name of the Bundle	ADVANCED BUNDLE V2	Subject	APTITUDE
Topic	CALENDAR	Last updated on	20 January 2024

37) What will be the day of the week 15th Feb, 2010?

- a) Sunday
- b) Monday
- c) Tuesday
- d) Friday

**ANS: b) Monday.**

**Explanation:**

Step 1: Take 2000 as a reference year since it is nearer to 2010.

Step 2: 2000 +10 years. for 2000 years, the extra days = **0 Extra days**

Step 3: Since 2010 is not fully completed we should not take it into account.

$$10 - 1 = 9 \text{ years.}$$

Step 4: We have to find the number of leap years in those 9 years to calculate the number of extra days.

Step 5 : Number of leaps in 9 years =  $9/4 = 2$  years (Quotient)

$$\text{Extra days/ Remainder} = (9 + 2) / 7 = \mathbf{4 \text{ Extra days.}}$$

NOTE: 9 – Common extra days between normal and leap year.

2 – Extra days due to 2 leap years.

Step 6 : We have to find the number of extra days in 2010.

Jan – 31 days – 3 Extra days.

Feb – 15 days – 1 Extra day.

**4 Extra days.**

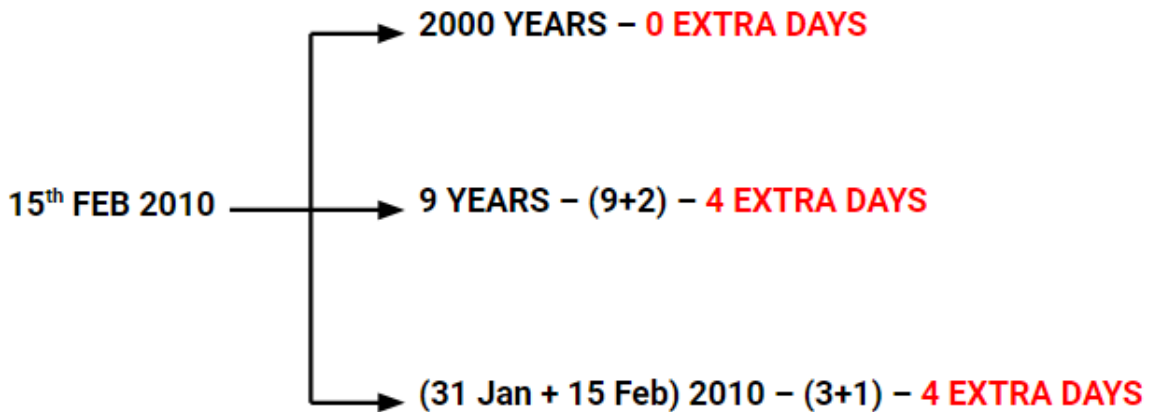


# Selvam College of Technology



Accredited by NAAC with "A" Grade, UGC Recognized 2(f) Status,  
 An ISO 9001:2015 Certified Institution, Approved by AICTE - New Delhi, Affiliated to Anna University - Chennai  
 PONNUSAMY NAGAR, SALEM ROAD(NH-44), NAMAKKAL - 637003. TAMILNADU.  
 Mobile: 9942099122, 9942099109, Web: www.selvamtech.edu.in

<b>Name of the Bundle</b>	ADVANCED BUNDLE V2	<b>Subject</b>	APTITUDE
<b>Topic</b>	CALENDAR	<b>Last updated on</b>	20 January 2024



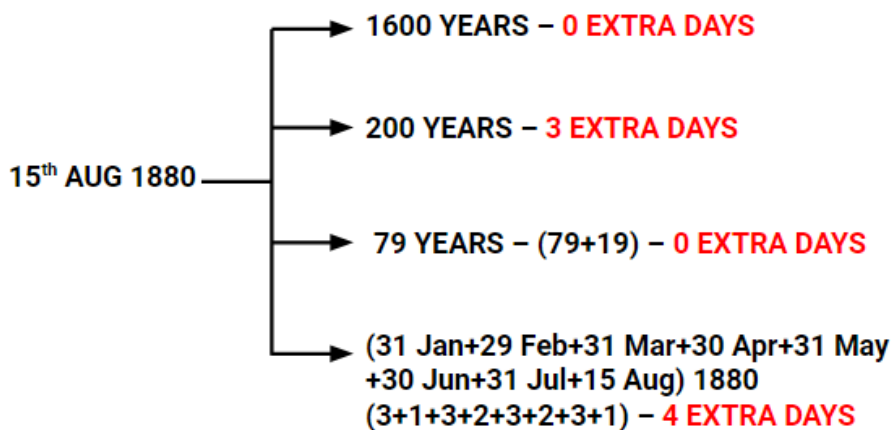
Step 7 : Total Extra Days = 0+4+4 = 8/7 = 1 Extra day = **Monday**.

38) What will be the day of the week 15th Aug, 1880?

- a) Thursday
- b) Friday
- c) Tuesday
- d) Sunday

**ANS: d) Sunday .**

**Explanation:**

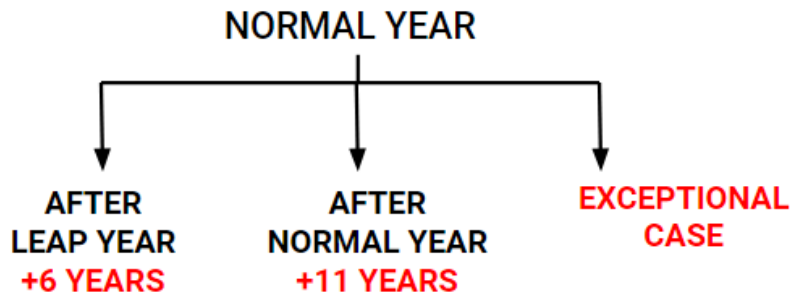


Total Extra Days = 0+3+0+4 = 7 Extra day = **Sunday**.



Name of the Bundle	ADVANCED BUNDLE V2	Subject	APTITUDE
Topic	CALENDAR	Last updated on	20 January 2024

## TYPE 10 – REPETITION OF CALENDAR (NORMAL YEAR).



**NOTE:** Normal year matches only with Normal year.

39) Which upcoming year's calendar will repeat like the calendar of 1931?

- a) 1942
- b) 1937
- c) 1943
- d) 1938

**ANS: a) 1942 .**

**Explanation:**

- 1931 – Normal year which comes after 1930 which is also a normal year.
- Therefore add 11 years to 1931 which will be the ANS.

$$1931 + 11 = 1942$$

40) Which upcoming year's calendar will repeat like the calendar of 1977?

- a) 1982
- b) 1983
- c) 1988
- d) 1989

**ANS: b) 1983 .**





Name of the Bundle	ADVANCED BUNDLE V2	Subject	APTITUDE
Topic	CALENDAR	Last updated on	20 January 2024

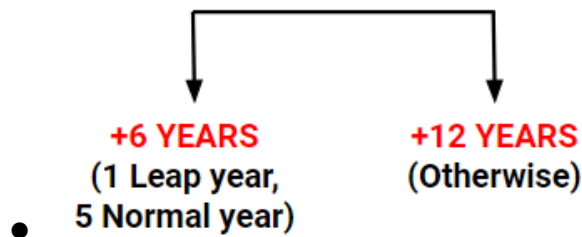
## Explanation:

- 1977 – Normal year which comes after 1976 which is a Leap year.
- Therefore add 6 years to 1977 which will be the ANS.

$$1977 + 6 = 1983$$

## EXCEPTIONAL CASE:

- While adding 6 or 11 years, if you cross any century but non leap year like 1700, 1800, 1900 etc.



41) Which upcoming year's calendar will repeat like the calendar of 1895?

- a) 1906
- b) 1901
- c) 1907
- d) 1905

ANS: b) 1901 .

## Explanation:

- 1895 – Normal year which comes after 1894 which is also a normal year.
- Therefore ,1895 + 11 = 1906.it crosses 1900 which is a century but non leap year.
- 1895 + 6 = **1901** (1 Leap year - 1896, 5 Normal years)



Name of the Bundle	ADVANCED BUNDLE V2	Subject	APTITUDE
Topic	CALENDAR	Last updated on	20 January 2024

42) Which upcoming year's calendar will repeat like the calendar of 1798?

- a) 1809
- b) 1804
- c) 1810
- d) 1811

**ANS: c) 1810 .**

**Explanation:**

- 1798 – Normal year which comes after 1797 which is also a normal year.
- Therefore , $1798 + 11 = 1809$ .it crosses 1800 which is a century but non leap year.
- $1798 + 6 = 1804$  (Leap year, Normal year do not match with leap year).
- $1798+12 = 1810$  (Normal year)

### TYPE 11 – REPETITION OF CALENDAR (LEAP YEAR).



**NOTE: Leap year matches only with Leap year.**



Name of the Bundle	ADVANCED BUNDLE V2	Subject	APTITUDE
Topic	CALENDAR	Last updated on	20 January 2024

43) Which upcoming year's calendar will repeat like the calendar of 1928?

- a) 1968
- b) 1964
- c) 1963
- d) 1956

**ANS: d) 1956 .**

**Explanation:**

- 1928 – Leap year, therefore add 28 years to it.

$$1928 + 28 = 1956$$

### EXCEPTIONAL CASE 1:

- While adding 28 years, if you cross any century but non leap year like 1700, 1800,1900 etc.
- Add 40 years to it.

44) Which upcoming year's calendar will repeat like the calendar of 1684?

- a) 1712
- b) 1724
- c) 1736
- d) 1706

**ANS: b) 1724.**

**Explanation:**

- 1684 – Leap year, therefore add 28 years to it.  $1684 + 28 = 1712$ , it crosses 1700 which is a century but non leap year.
- Therefore, Add 40 years to 1684.  $1684+40 = 1724$



Name of the Bundle	ADVANCED BUNDLE V2	Subject	APTITUDE
Topic	CALENDAR	Last updated on	20 January 2024

## EXCEPTIONAL CASE 2:

- After adding 40 years, try subtracting 28 years to the ANS to check whether the new Answer will be in the new century or not.
- If it is in the new century then it will be the ANS i.e., **1<sup>st</sup> Match**.

45) Which upcoming year's calendar will repeat like the calendar of 1892?

- a) 1932
- b) 1908
- c) 1920
- d) 1904

**ANS: d) 1904.**

**Explanation:**

- 1892 – Leap year, therefore add 28 years to it.  $1892 + 28 = 1920$ , it crosses 1900 which is a century but non leap year.
- Therefore, Add 40 years to 1892.  $1892 + 40 = 1932$
- $1932 - 28 = 1904$ , which is a leap year and also in the new century (1900).

Therefore, **1904** is the Answer.