

cracku

Cat Calendar Questions

22 Nov 2017





TAKE CRACKU'S FREE CAT MOCK

Question 1:

If 15 March 1816 was Friday, what day of the week would 15th April 1916 be?

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

CAT Aptitude Questions PDF

Question 2:

A leap year 1895 is having a same calendar as that of the year X. Which of the following is a possible value of X.

- a) 1900
- b) 1901
- c) 1902
- d) 1903

25 Mocks + 30 Sectionals
for the unbelievable price
of **Rs 999/-**



**15,000 SOLVED
CAT QUESTIONS**
for just Rs 1200



**700 CAT VIDEOS
COVERING FULL PORTION**



RS 2500 ONLY

100 FREE GK TESTS FOR IIFT

DOWNLOAD THE APP





SOLVE PAST CAT PAPERS

Question 3:

If 28th August 1946 was a Wednesday, what day of the week was 31 August 1961?

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

[Click here](#)

Free GK Tests for IIFT Exams

Question 4:

If 09/12/2001(DD/MM/YYYY) happens to be Sunday, then 09/12/1971 would have been a

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

25 Mocks + 30 Sectionals
for the unbelievable price
of **Rs 999/-**



**15,000 SOLVED
CAT QUESTIONS**
for just Rs 1200



**700 CAT VIDEOS
COVERING FULL PORTION**



RS 2500 ONLY

**XAT PREVIOUS SOLVED PAPERS
DOWNLOAD THE APP**





TAKE CRACKU'S FREE CAT MOCK

[Click here](#)

Tricks To Improve Your Percentile from 90 to 95 in CAT

Question 5:

In 2016, Mohan celebrated his birthday on Friday. Which will be the first year after 2016 when Mohan will celebrate his birthday on a Wednesday? (He was not born in January or February)

- a) 2021
- b) 2023
- c) 2020
- d) 2025

CAT Questions Based Clock

25 Mocks + 30 Sectionals
for the unbelievable price
of **Rs 999/-**



**15,000 SOLVED
CAT QUESTIONS**

for just Rs 1200



**700 CAT VIDEOS
COVERING FULL PORTION**



RS 2500 ONLY

100 FREE GK TESTS FOR IIFT
DOWNLOAD THE APP





SOLVE PAST CAT PAPERS

Solutions: 1 to 5

1) Answer (d)

We are given that 15th March 1816 was a Friday.

Now we know that 100 years have 5 odd days. So till 15th March 1916, we will be having 5 odd days. So if we move from 15th March 1816 to 15th March 1916, we will encounter 5 odd days.

Now from 15th March 1916 to 15th April 1916 there would be 3 odd days.

So total number of odd days = $5+3=8$

$8 \text{ mod } 7 = 1$

So 15th April 1916 would be Friday + 1 = Saturday

Line Graph Question For CAT PDF

2) Answer (b)

1895 is not a leap year. So it will have 1 odd day.

Since 1896 is a leap year, it will add 2 odd days.

Similarly 1987, 1988, 1989, 1990 will add 1,1,1,1 odd days.

Now the total number of odd days add up to 7.

So the next year 1901 will have the same calendar as 1895.

25 Mocks + 30 Sectionals
for the unbelievable price
of **Rs 999/-**



**15,000 SOLVED
CAT QUESTIONS**
for just Rs 1200



**700 CAT VIDEOS
COVERING FULL PORTION**



XAT PREVIOUS SOLVED PAPERS
DOWNLOAD THE APP





TAKE CRACKU'S FREE CAT MOCK

3) Answer (b)

It is given that 28th August 1946 was Wednesday. From 28th August 1946 to 28th August 1961, we have 4 leap years and 11 normal years. So the number of odd days would be $11*1 + 4*2 = 19$

Now the date which is asked is 31 Aug 1961. So if we move from 28th August to 31st August, we will have 3 more odd days.

So total number of odd days = $5 + 3 = 8$

Now $8 \text{ mod } 7 = 1$.

So 31st August 1961 would be Wednesday + 1 = Thursday.

**100 FREE GK TESTS FOR IIFT
DOWNLOAD THE APP**

4) Answer (d)

30 years. The number of leap years is 8 (1972,1976,1980,1984,1988,1992,1996,2000).

So, the total number of days = $22*365 + 8*366 = 10958$

$10958 \text{ mod } 7 = 3$

Since 9/12/2001 is a Sunday, 9/12/1971 should be a Thursday.

25 Mocks + 30 Sectionals
for the unbelievable price
of **Rs 999/-**



**15,000 SOLVED
CAT QUESTIONS**
for just Rs 1200



**700 CAT VIDEOS
COVERING FULL PORTION**



RS 2500 ONLY

**100 FREE GK TESTS FOR IIFT
DOWNLOAD THE APP**





SOLVE PAST CAT PAPERS

5) Answer (c)

Since it has been mentioned that Mohan was not born in February, so he can't be born on 29th Feb. Hence He will celebrate his next birthday on a Wednesday in the year for which the sum of the odd days becomes 5 or a multiple of 5.
By his birthday in 2017, there will be 1 odd day.
By his birthday in 2018, there will be 2 odd days.
By his birthday in 2019, there will be 3 odd days.
By his birthday in 2020, there will be 5 odd days, as 2020 is a leap year.
So in 2020 He will celebrate his birthday on Wednesday.

Verbal Ability for CAT
[Download PDF]

WhatsApp 'CAT' to join in CAT
Group to this number
(7661025559)

25 Mocks + 30 Sectionals
for the unbelievable price
of **Rs 999/-**



15,000 SOLVED
CAT QUESTIONS
for just Rs 1200



700 CAT VIDEOS
COVERING FULL PORTION



RS 2500 ONLY

100 FREE GK TESTS FOR IIFT
DOWNLOAD THE APP

