Exercise 15 (E)

(A) Fill in the blanks :-

(1) A week has 7 days.

(2) There are 365 days in a year.

(3) There are 366 days in a leap year.

(4) There are 31 days in the month of December.

(5) There are 30 days in the month of November.

(6) There can be 28 and 29 days in the month of February.

(7) There are 12 months in a year.

(8) Tuesday comes after monday.

(9) March comes between February and April.

(B) Which of the following would be leap years?

(1) 1988 :

$$
\begin{array}{r}
497 \\
4\overline{)1988} \\
-16 \\
\hline
38 \\
-36 \\
\hline
28 \\
-28 \\
\hline
0
\end{array}
$$

So, 1988 is completely divisible by 4, it is a leap yea

(2) 2068 =

```
      5017
4 | 2068
  - 20
    006
  -  4
     28
   - 28
      0
```

So, 2068 is completely divisible by 4, it is a leap year

(3) 2056 =

```
      5014
4 | 2056
  - 20
    065
  -  4
     16
   - 16
      0
```

So, 2056 is completely divisible by 4, it is a leap year.

(4) 2014 =

```
      503
4 | 2014
  - 20
    001
  - 00
    014
  - 12
    02
```

SO, 2014 is not completely divisible by 4, it is not a leap years.

(C) How many days will be there in February 2020 ? 29 days.

(D) How many days are there from :-

(a) 7th August to 13th September 37 days.

No, of days in August = 31 days

No, of days from 7th August to 31th August = 31 - 7
= 24

Now, no, of days from 7th August to 13th September = 24 + 13
= 37 days.

(b) 1st November to 7th December = 36 days

No, of days in November = 30 days

No, of days from 1st November to 30 November = 30 - 2
= 29 days

Now, no, of days from 1st November to 7th December = 29 + 7
= 36 days

(c) 4th June to 1st July — 27 days.

No, of days in June = 30 days

No, of days from 4th June to 30 June
= 30 − 4
= 26 days

Now, no, of days from 4th June to 1st July = 26 + 1
= 27 days

(d) 23rd December to 24th January — 32 days

No, of days in December = 31 days

No, of days from 23rd December to 31 December = 31 − 23
= 8 days

Now, no, of days from 23rd December to 24th January = 24 + 8
= 32 days

(e) 11th February to 27th May = 105 days

No, of days in February = 28

No, of days from 11th February to 28th February = 28 - 11
= 17

Now, no, of days from 11th February to 27th May = 17 + 27
= 44 days

17 + 31 + 30 + 27 = 105 days

HW(E) Palvi came to my house on 10th January. She stayed with us for 40 days. On what date did she leave? February 19

(F) Answer the questions of the year 2018's calendar:-

(1) Independence Day is falling on what day? Wednesday

(2) What will be the date on the last Friday of August? 31

(3) How many Thrusdays are there in the month of March? 5 Thrusdays.

(4) How many Saturdays and Sundays are there in the month of June? 9 days.

(5) How many Sundays are there in the whole year? 52 Sundays

(6) On which day goes October 2 fall? Tuesday

(7) What day is it on 1st July 2018? Sunday

(8) How many days are there in the months of May, June July and August taken together? 123 days.