Q1. Find the missing terms in the given series.

71, 81, 74, 77, 77, 73, 80, 69, _, _, _, _

(a) 82, 65, 86, 61

(b) 83, 65, 86, 61

(c) 83, 65, 86, 60

(d) None of the above

Q2. If BASIC is written as DDULE in a certain code, how would LEADER be written in that code?
(a) NHCHFV
(b) NHCHGV
(c) HNCGGV
(d) NHCGGU

Q3. If 'North' becomes 'North-east', so on, what will 'West' become?
(a) North-east
(b) North-west
(c) South-east
(d) South-west

Q4. If 1st November, 2019 was a Tuesday. What was the day the 1st November, 2021 ?
(a) Friday
(b) Tuesday
(c) Saturday
(d) Wednesday

Q5. Find the odd one out.
(a) Dog
(b)Elephant
(c) Crow
(d) Cow

Solutions

S1. Ans. (b)

Sol.

Let the missing terms of the series be x_1, x_2, x_3 and x_4.

Thus, the sequence 71, 81, 74, 77, 77, 73, 80, 69, x_1, x_2, x_3, x_4 is a combination of two series

I. 71, 74, 77, 80, x_1, x_3 and

II. 81, 77, 73, 69, x_2, x_4

The pattern in I is +3, +3, +3 and so on. Therefore, missing term, x_1 = 80 + 3 = 83, x_3 = 83 + 3 = 86.

The pattern in II is - 4, - 4, - 4 and so on. Therefore, missing term, x_2 = 69 - 4 = 65, x_4 = 65 - 4 = 61.

S2. Ans. (d)

Sol.

The first, third and fifth letters are each moved two steps forward, while the second, fourth and sixth letters are each moved three steps forward to obtain the corresponding letters of the code.

S3. Ans. (b)

Sol. If 'North' becomes 'North-east', so on, then 'West' will become North-West.

S4. Ans. (a)

Sol.

Number of odd days between 1st November, 2019 and 1st November, 2021 = 1st November, 2019

Therefore, Day on 1st November, 2021 = Tuesday + 3 = Friday.

S5. Ans. (c)

Sol.

Crow is odd one out, as rest all three are animals whereas Crow is a bird.