Q1. If A= 1, ANT= 35, then KAS=?
(a) 32
(b) 30
(c) 31
(d) 24

Q2. Find the missing term in the given series
3, 4, 8, 15, 27, ?
(a) 37
(b) 44
(c) 50
(d) 55

Q3. Maya starts at point T, walks straight to point U which is 4ft away. She turns left at 90° and walks to W which is 4ft away, turns 90° right and goes 3ft to P, turns 90° right and walks 1 ft to Q, turns left at 90° and goes to V, which is 1ft away and once again turns 90° right and goes to R, 3ft away. What is the distance between T and R?
(a) 4ft
(b) 5ft
(c) 7ft
(d) 8ft

Q4. Pointing to a person in a photograph, Damodar said, "She is the mother of my brother's son wife's daughter." How is Damodar's sister related to the person in photograph?

(a) Daughter

(b) Sister-in-law

(c) Mother

(d) Father in law's Sister

Q5. On 8th Feb, 2005 it was Tuesday. What was the day of the week on 8th Feb, 2004?

(a) Tuesday

(b) Monday

(c) Sunday

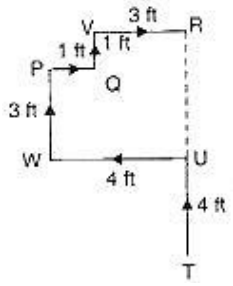
(d) Wednesday

S1. Ans. (c)
Sol.
Clearly, each letter is assigned a numerical value which is the place value in the English alphabet.
K, A and S are 11th, 1st and 19th letters respectively
So, KAS = K + A + S
= 11 + 1 + 19 = 31

S2. Ans. (c)
Sol.
The sum of preceding three consecutive terms of the series gives the next term.
So, missing number = 8 + 15 + 27 = 50.

S3. Ans. (d)

Sol.
The movements of Maya from T to R are as shown in given figure
= Distance between T and R
= TR = TU + UR
= TU + PW + QV
= (4 + 3 + 1)ft
= 8ft



S4. Ans. (d)

Sol.

Mother of Damodar's brother's son wife's daughter – Damodar's Brother Daughter-in-law.
Therefore, Damodar's sister's will be Father-in-law's sister of the person in the photograph .

S5. Ans. (c)

Sol.

The year 2004 is a leap year. It has 2 odd days.

∴ The day on 8th Feb, 2004 is 2 days before the day on 8th Feb, 2005.

Hence, this day is Sunday.