

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

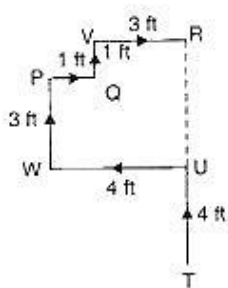
= Distance between T and R

$$= TR = TU + UR$$

$$= TU + PW + QV$$

$$= (4 + 3 + 1)\text{ft}$$

$$= 8\text{ft}$$



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.