Q.1 **How many letters in the series are immediately preceded by a symbol and immediately followed by a letter?**
Read the given letter-symbol series carefully and answer the related questions:
H @ A % T R # L M & B ^ C D ! P Q $ E F * K + Z Y

A. 4
B. 5
C. 6
D. 7
E. 8

Answer: B

Sol: Check pattern → **Symbol – Letter – Letter**

A → @ A % ✖
T → % T R ✔
R → T R # ✖
L → # L M ✔
M → L M & ✖
B → & B ^ ✖
C → ^ C D ✔
D → C D ! ✖
P → ! P Q ✔
Q → P Q $ ✖
E → $ E F ✔
F → E F * ✖
K → * K + ✖
Z → + Z Y ✔
Y → Z Y (end) ✖

Valid letters: T, L, C, P, E

Total = 5

Q.2 **If all symbols are removed, which letter will be 3rd to the left of the 9th letter from the right?**
Read the given letter-symbol series carefully and answer the related questions:
H @ A % T R # L M & B ^ C D ! P Q $ E F * K + Z Y

A. B
B. C
C. D
D. L
E. Q

Answer: D

Sol: Letters only:
H, A, T, R, L, M, B, C, D, P, Q, E, F, K, Z, Y

Total letters = 16

9th from right: Count from right:

Y (1)
Z (2)
K (3)
F (4)
E (5)
Q (6)
P (7)
D (8)
C (9)

So 9th from right = C

Now 3rd to left of C:
B (1)
M (2)
L (3)

Answer = L

Q.3 **Which element is 10th to the right of L?**
Read the given letter-symbol series carefully and answer the related questions:
H @ A % T R # L M & B ^ C D ! P Q $ E F * K + Z Y

A. D
B. !
C. P
D. Q
E. $

Answer: E

Sol: L is at position 8.

Count 10 right:
9 M (1)
10 & (2)
11 B (3)
12 ^ (4)
13 C (5)
14 D (6)
15 ! (7)
16 P (8)
17 Q (9)
18 $ (10)

Answer = $

Q.4 **How many symbols are there in the series which are immediately preceded by a consonant and immediately followed by a vowel?**
Read the given letter-symbol series carefully and answer the related questions:
H @ A % T R # L M & B ^ C D ! P Q $ E F * K + Z Y

A. One
B. Two
C. Three
D. Four
E. Five

Answer: B

Sol: Check each symbol:
@ → H _ A ✔ (H consonant, A vowel)
% → A _ T ✘
# → R _ L ✘
& → M _ B ✘
^ → B _ C ✘
! → D _ P ✘
$ → Q _ E ✔
* → F _ K ✘
+ → K _ Z ✘

Valid symbols: @, $

Total = 2

Q.5 If the first half of the series is reversed, which element will be 5th to the right of R (consider the new arrangement)?

Read the given letter-symbol series carefully and answer the related questions:

H @ A % T R # L M & B ^ C D ! P Q $ E F * K + Z Y

A. L
B. M
C. B
D. H
E. C

Answer: D

Sol: Total elements = 26
First half = first 13 elements

First 13:
H @ A % T R # L M & B ^ C

Reverse them:
C ^ B & M L # R T % A @ H

Second half remains same:
D ! P Q $ E F * K + Z Y

New full series:
C ^ B & M L # R T % A @ H D ! P Q $ E F * K + Z Y

Find R:
R is at position 8.
Now count 5 to right:
9 T (1)
10 % (2)
11 A (3)
12 @ (4)
13 H (5)

Answer = H

Q.1 What is the total distance travelled from Point V to Point Q?

Examine the following details and answer the questions accordingly.
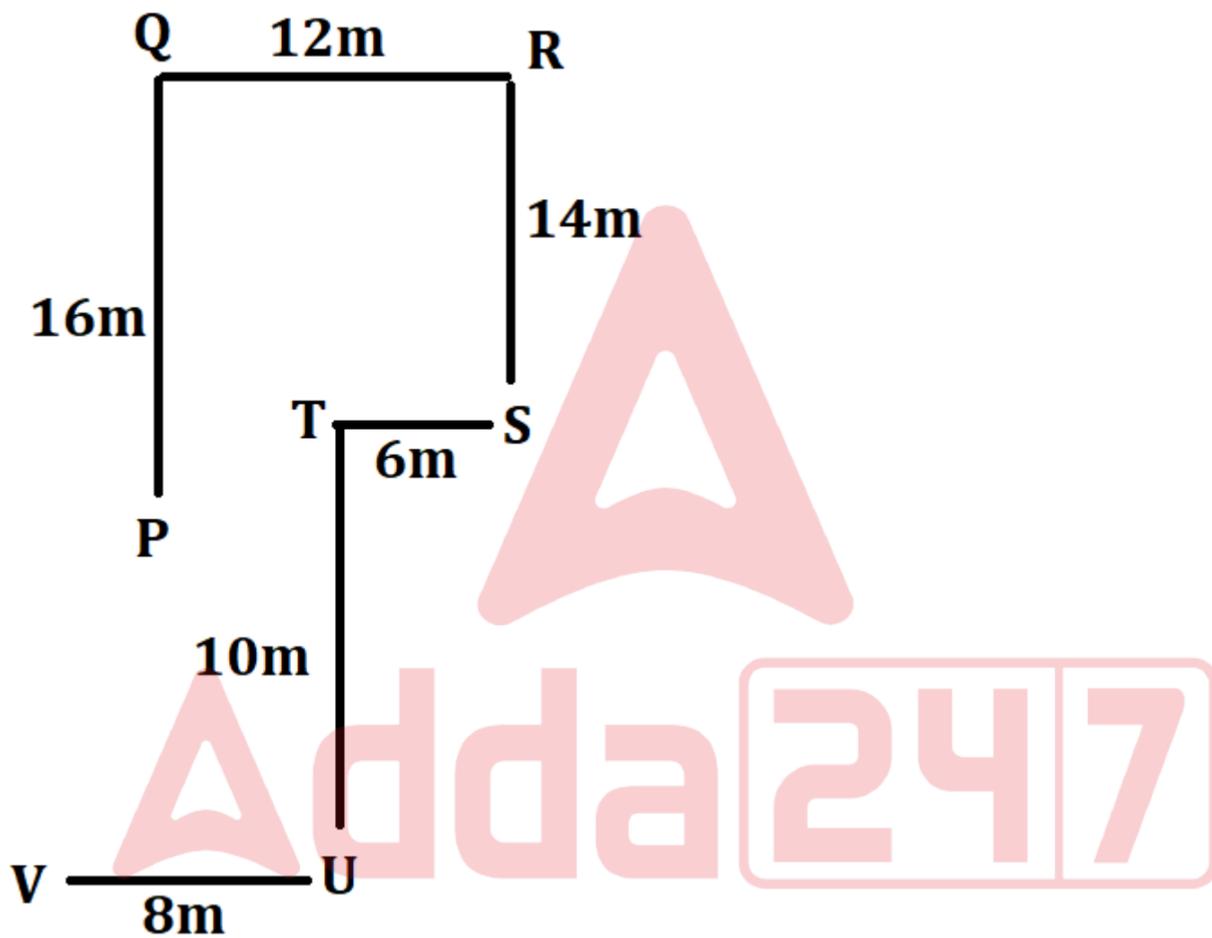
Point P is 16m south of point Q. Point V is 8m west of point U. Point T is 6m west of point S. Point U is 10m south of point T. Point R is 12m east of point Q. Point S is 14m south of point R.

A. 60m
B. 52m
C. 51m
D. 53m
E. 50m

Answer: E

Sol:

Sol.

The total distance travelled from Point V to Point Q:
8m + 10m + 6m + 14m + 12m = 50m.

Q.2 Four of the following five are alike in a certain way and thus form a group. Find the one pair which doesn't belong to the group?
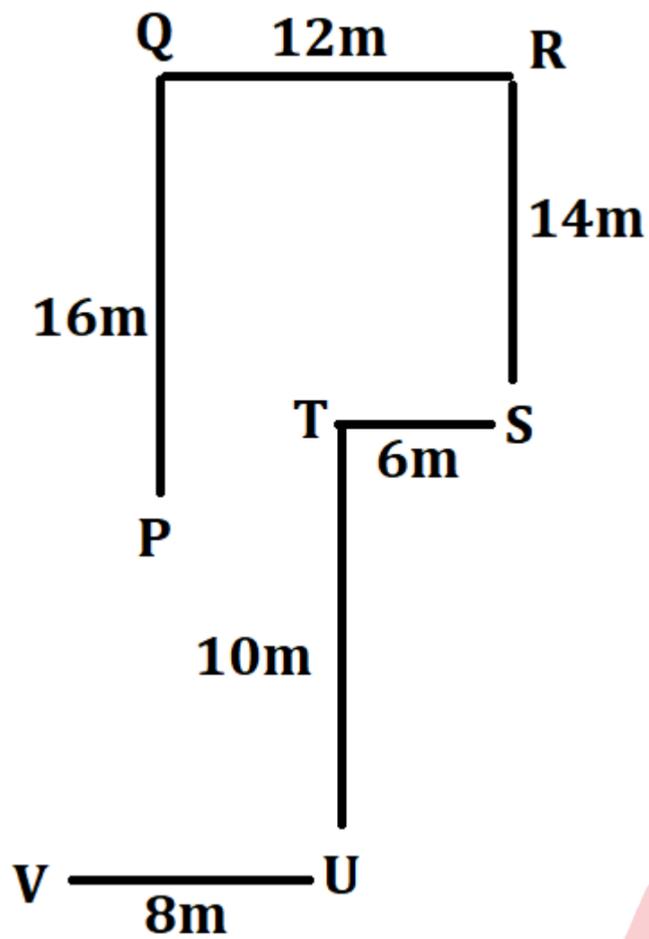
Examine the following details and answer the questions accordingly.

Point P is 16m south of point Q. Point V is 8m west of point U. Point T is 6m west of point S. Point U is 10m south of point T. Point R is 12m east of point Q. Point S is 14m south of point R.

A. PR
B. VQ
C. RT
D. US
E. VR

Answer: C

Sol:

Sol.


```
        Q  ——12m——  R
        |            |
     16m|            |14m
        |            |
               T ——— S
        |       6m
        P
        |
     10m|
        |
  V ——— U
     8m
```

Except RT, First point is to the south-west of the second point.

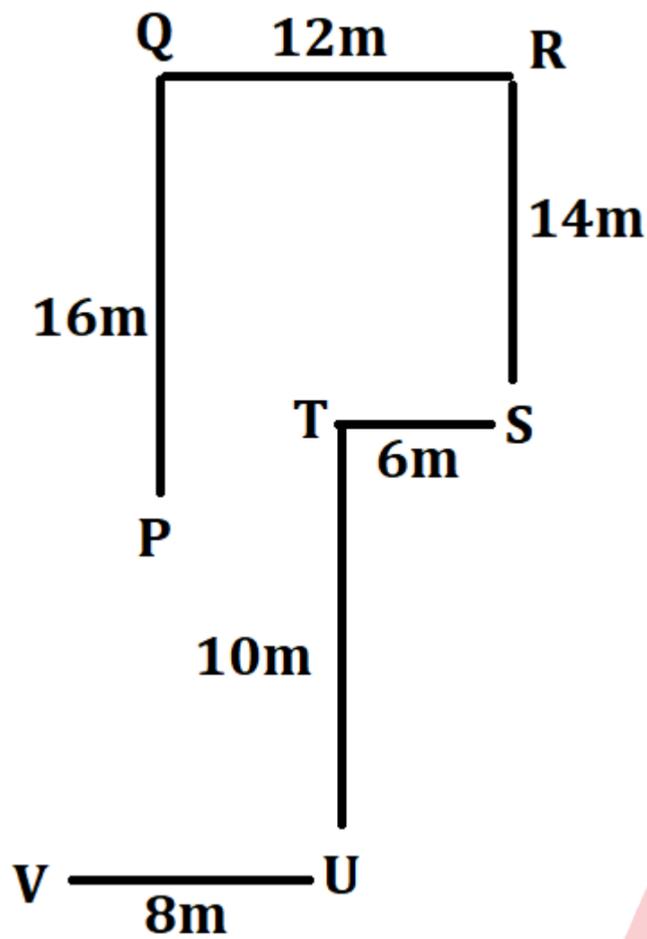**Q.3** In which direction is point Q with respect to point V?

Examine the following details and answer the questions accordingly.

Point P is 16m south of point Q. Point V is 8m west of point U. Point T is 6m west of point S. Point U is 10m south of point T. Point R is 12m east of point Q. Point S is 14m south of point R.

A. South-west
B. North-west
C. South-east
D. North-east
E. West

Answer: D

Sol:
Sol.

Q 12m R

14m

16m

T
6m S

P

10m

V — U
8m

Point Q is to the north-east of point V.

Q.4 **Statements**: H≥ O<N>P=M , T≥ Y<O=X>Z
Conclusion: I. N>Y

II. N>Z

In this question the relationship between different element is shown in the statements. The statements are followed by conclusions . study the conclusions based on the given statements and select the appropriate answer:

A. If either conclusion I or II is true.
B. If both conclusions I and II are true.
C. If neither conclusion I nor II is true.

D. If only conclusion I is true.
E. If only conclusion II is true.

Answer: B

Sol: Sol. I. N>Y (TRUE)
II. N>Z (TRUE)

Q.5 Statements: M < N = O ≤ P > Q ≤ G < B ≤ L
Conclusion: I: M ≤ P II: Q < B
In this question, relationship between different elements is shown in the statements. The statements are followed by two conclusions.
Give answer:

A. If only conclusion I true
B. If only conclusion II true
C. If either conclusion I or II true
D. If neither conclusion I nor II true
E. If both conclusions I and II true

Answer: B

Sol: I. M ≤ P (False) II. Q < B (True)

Q.1 Statements:

All Cooler are Hot

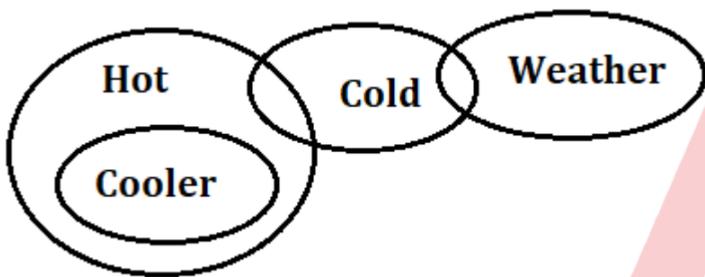Only a few Hot are Cold

Some Cold are Weather

Conclusions:

I. At least Some Cold are Cooler

II. Some Weather being Cooler is a possibility

In the question below, some statements are given followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows from the given statements, disregarding commonly known facts. Give answer –

A. Only Conclusion I follow

B. Only Conclusion II follow

C. Either Conclusion I or II follows

D. Both Conclusion I and II follows

E. Neither Conclusion I nor II follows

Answer: B

Sol: I. **Not follow:** Cold and cooler are not directly related to each other. Hence, definite relation will not follow here.

II. **Follow:** Weather and cooler are not directly related to each other. Hence, possible relation will follow here.

Q.2 Statements:

No Flipkart is Amazon

Some Amazon are not Myntra

All Myntra are Snapdeal

Conclusion:

I. All Snapdeal can never be Flipkart

II. All Myntra being Amazon is a possibility

In the question below, some statements are given followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

A. If only conclusion I follows

B. If only conclusion II follows

C. If either conclusion I or II follows

D. If neither conclusion I nor II follows

E. If both conclusion I and II follows

Answer: B

Sol: I. **Not follow:** Snapdeal and Flipkart are not directly related to each other. Hence, definite relation will not follow here.

II. **Follow:** As per the statement, the possibility of given relation from Myntra towards Amazon will follow.

Q.3 Statements:

Some flowers are marigold

All roses are marigold

No flowers is scent

Conclusions:

I. Some flowers are roses

II. All scent are roses

The following question contains some statements followed by two conclusions numbered I and II. Assume that all the statements are true, even if they seem to differ from commonly known facts. Analyze both conclusions and decide which one logically follows from the given statements.

A. If only conclusion I follows

B. If only conclusion II follows

C. If either conclusion I or II follows

D. If neither conclusion I nor II follows
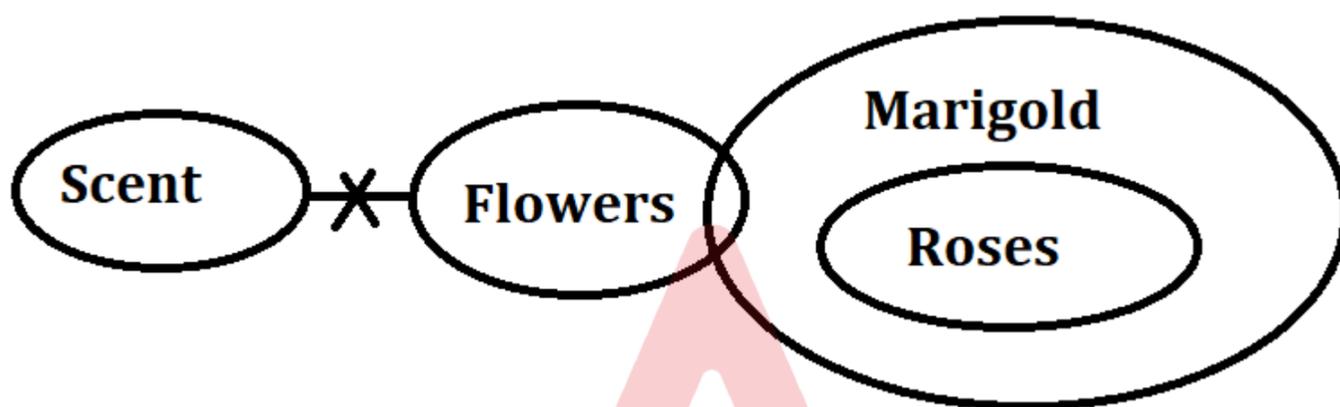
E. If both conclusions I and II follow

Answer: D

Sol:

Sol.

I. Not Follow: There is no direct relation between flowers and roses. Therefore, definite relation will not follow.

II. Not Follow: There is no direct relation between scent and roses. Therefore, definite relation will not follow.

Q.4 **Statements:** S < D = P ≥ K > F ≤ W < R ≥ B

Conclusions:

I. D > F

II. P < R

In this question, relationship between some elements is shown in the statements. The statements are followed by two conclusions numbered I and II. Read the statement and give answer.

A. If only conclusion I is true

B. If only conclusion II is true

C. If either conclusion I or II is true

D. If both conclusion I and II are true

E. If neither conclusion I nor II is true

Answer: A

Sol: I. D > F (True)

II. P < R (False)

Q.5 Find the odd-one out.

A. SUV

B. BDE

C. KMN

D. DFH

E. QST

Answer: D

Sol:

Logic here is:

$+2$

S U V

$+1$