Crossover Drill - Practice Test - 6 (Logical Reasoning) (Self Assessment Test for Placement Drive - 2023 - 24)

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* Indicates required question

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Choose the correct option: *
If STUMP is coded as PQRJM, then PITCH is coded as:

- ⦿ MFQZE
- ○ QJUDI
- ○ MEQAE
- ○ RKVEK

Decode the word(s) / pattern given in the question. *

If MORNING is coded as NPSOJOH. Then what will SUNSHINE be coded as?

○ TVOTGJOF

○ TVOTIJOD

◉ TVOTIJOF

○ TWOTIJOF

Choose the correct option: *

Find the odd man out

○ C5H

◉ E6L

○ M4Q

○ T3W

Choose the correct option: *
A man has strayed from his path while on his way to the park. He moves 100 km towards south, then another 40km towards west. He then travels 70 km towards north and reaches the park. What is the distance of the shortest possible route?

◉ 50 km

○ 40 km

○ 60 km

○ 30 km

Choose the correct option: Find the odd man out *

○ STV

○ XYA

⦿ KKT

○ BCE

Choose the correct option: *

Shilpa walks 6 km towards South. From there, she walks 9 km towards East. Then she walks 2 km towards the South. Again she walks 3 km towards West. How far is he from her original position?

○ 7 km

○ 8 km

○ 9 km

⦿ 10 km

Choose the correct option: *

Nancy is standing at point A facing North. She walks 50 meters to her right and takes a left turn and walks another 40 meters, then she walks 30 meters to her left again and then 20 meters to her right. In which direction is she standing from her starting point?

○ North-East

○ North-West

⦿ North

○ South-West

From the given choices select the odd one out. *

○ EGK

○ BEN

● CGP

○ AEU

Choose the correct option.   *

 From the given anagrams, select the odd one out.

○ LABLOTOF

● ONSEL

○ CEKTRIC

○ SNINET

Find the next number in the series. 2, 35, 104, 209 *

● 350

○ 308

○ 418

○ 362

Decode the word(s) / pattern given in the question. *
In the certain code, SKILLFUL is written as LTMJGMMV. How is STATED written in that code?

○ TUCUFO

○ UTUCEF

● UTUBEF

○ TUBUFE

Choose the correct option: *
Rajeshwar walked 2 km towards North. Then he turned right and walked 3 km. Then he again turned right and walked 3.5 km. Then he turned left and walked 1.5 km. Finally, he turned left and walked another 1.5 m. How many kilometers away is he from the starting point and in which direction from the starting point is he standing now?

● 3 km - East

○ 4.5 km - West

○ 4.5 km - East

○ 3 km - West

Decode the word(s) / pattern given in the question. *
If CHAIR is coded as FKDLU, the RICH is coded as:

○ UKFD

○ ULDK

○ ULFK

● UDLU

Two friends A and B start walking from a common point. A goes 20 kms towards *
north-east whereas B goes 16 kms towards east and then 12 kms towards north.
How far are A and B from each other.

○ 14 kms

◉ They are at the same place

○ 15 kms

○ Data is insufficient

Choose the correct option: *

D4P : H4L : P5R :

○ V4N

○ V5S

◉ U5M

○ R4N

Symbols -, +, * and / mean the following: *

A - B means A is equal to B.

A + B means A is 3 more than twice of B.

A * B means A is 70 percent of B.

A / B means A is less than B.

Using these symbols and taking the given statements as true, find out that which of the given conclusions is/are definitely true?

 Statements:

X + Y, Z * Y and Z - A

 Conclusions:

I. Z/X

II. A/X

○ Only I is true

○ Only II is true

● Both are correct

○ None of these is true

Decode the word(s) / pattern given in the question. If GULMOHAR is coded as *
TFONLSZI, PIPAL will be coded as:

○ QJQBM

○ QJQBN

● KRKZO

○ KIKZO

Find the next number in the series. 3, 11, 25, 45, .. *

○ 65

● 71

○ 61

○ 75

A number is divisible by 24 if: *

Statements:

I) The number is divisible by 3

II) The number is divisible by 8

○ Statement I alone is sufficient in answering the problem question

○ Statement II alone is sufficient in answering the problem question

○ Either of the statements is sufficient in answering the problem question

○ Both the statements even put together are not sufficient in answering the problem question

● Both statements put together are sufficient in answering the problem question.

Choose the correct option: *

From the given choices select the odd one out.

○ DEB

○ FGD

○ PQN

● TUS

The question consists of a problem question followed by two statements I and II. *
Find out if the information given in the statement(s) is sufficient in finding the
solution to the problem.
Problem question: Out of five parties, which party won the election?
Statements:

I. Party 'X' got the least number of votes.

II.   Party 'Y' got hundred more votes than party 'Z'

- ◯ Statement I alone is sufficient in answering the problem question

- ◯ Statement II alone is sufficient in answering the problem question

- ◯ Either of the statements is sufficient in answering the problem question

- ● Both the statements even put together are not sufficient in answering the problem
  question

- ◯ Both statements put together are sufficient in answering the problem question.

Choose the option that arranges the given set of words in the 'most' meaningful *
order. The words when put in order should make logical sense according to size
quality, quantity, occurrence of events, value, appearance, nature, process, etc.

1. Infant 2. Foetus 3. Zygote 4. Adult 5. Teenager

- ◯ 2, 3, 1, 5, 4
- ● 3, 2, 1, 5, 4
- ◯ 4, 5, 1, 3, 2
- ◯ 2, 1, 5, 4, 3

The question consists of a problem question followed by two statements I and II. *
Find out if the information given in the statement(s) is sufficient in finding the
solution to the problem.
Problem question: The set S of numbers has the following properties

a) if p is in S, then 1/p is in S

b) If both p and q are in S, then so is p + q
Question: Is 5 in S?

Statements:

I.1/5 is in S

II. 1/2 is in S

◯ Statement I alone is sufficient in answering the problem question

◯ Statement II alone is sufficient in answering the problem question

◯ Either of the statements is sufficient in answering the problem question

◉ Both the statements even put together are not sufficient in answering the problem
question

◯ Both statements put together are sufficient in answering the problem question

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Choose the correct option: NST : LQR : JOP *

◯ PQJ

◯ KPB

◯ IVO

◉ HMN

Given signs signify something and on that basis assume the given statement to be true and find which of the two conclusions I and II is/are definitely true. *

A + B means A is greater than B

A - B means A is less than B

A = B means A is greater than equal to B

A * B means A is not equal to B

A / B means A is equal to B

Statements:

L + N, N/O, O+P

Conclusions:

I. L - O

II. N + P

○ Only conclusion I is true.

◉ Only conclusion II is true.

○ Neither conclusion I nor II is true

○ Both conclusions I and II are true

A is the only brother of B. P is the only nephew of B. How is P related to A? *

◉ Son

○ Daughter

○ Brother

○ Can't say

Choose the option that arranges the given set of words in the 'most' meaningful *
order. The words when put in order should make logical sense according to size
quality, quantity, occurrence of events, value, appearance, nature, process, etc.

1. Community 2. Locality 3. Family 4. Country 5. Person

- ○ 4, 1, 2, 5, 3
- ○ 4, 2, 1, 3, 5
- ● 5, 3, 2, 1, 4
- ○ 5, 3, 4, 2, 1

Choose the correct option: From the given choices select the odd one out *

- ○ CEH
- ● PRV
- ○ TVY
- ○ MOR

Choose the correct option. *

A lady is facing South-East, she turns 180° in the clockwise direction. Then 360°
in the anticlockwise direction and then another 270° in the clockwise direction.
Which direction is she facing now?

- ○ South
- ● South-West
- ○ West
- ○ D. South-East

Choose the correct option:

A walks 12 km towards west and then 18 km towards south. He then moves 2 km towards north to reach B's house. How far is B's house situated?

*

○ 24 km

○ 15 km

◉ 20 km

○ 30 km

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