

L12 : Reasoning 1

1-Tut : Find next sequence?

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JAF, JEF, JIF, JOF, ?

Options

This problem has only one correct answer

JAG

JET

JUF

JIT

Correct Answer : C

Solution Description

The middle letters which are vowels have an increasing trend of A, E, I, O, U and remaining letters have been retained. Hence the answer would be JUF. Option (c) is correct.

2-Tut : Find next alphabets?

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BAZ, DBY, FCX, ?

Options

This problem has only one correct answer

FXW

EFX

FEY

HDW

Correct Answer : D

Solution Description

The 1st letter of the word increasing by +2, 2nd letter increasing by +1 and the 3rd letter is decreasing by -1.

Hence, the missing letter HDW. Option (d) is correct.

3-Tut : Find the next Number?

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5, 12, 23, 50, 141, ?

Options

This problem has only one correct answer

488

473

425

392

Correct Answer : A

Solution Description

$4=41$, $16=42$, $64=43$

Hence, the next term $=141+91+44= 141 +91 +256 =488$.

Hence, option (a) is correct.

4-Tut : Next Number?

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13, 16, 22, 31, 43, ?

Options

This problem has only one correct answer

60

58

55

56

Correct Answer : B

Solution Description

Pattern of the series is +3, +6, +9, +12, ...

Hence, the missing term $= 43+ 15= 58$. Hence, option (b) is correct.

5-Tut : Next Number Again?

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50, 90, 150, 240, 375, ?

Options

This problem has only one correct answer

570

577.5

580

None Of These

Correct Answer : B

Solution Description

$90 = 50 +40$,

$150 = 90 +60$,

$240 = 150 +90$

$375 = 240 +135$.

We can see $60 = 40 \times 1.5$,
 $90 = 60 \times 1.5$, $135 = 90 \times 1.5$,

Hence, the required term = $375 + 135 \times 1.5 = 577.5$

Hence, option (b) is correct.

6-Tut : Find number?

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4, 6, 16, 54, 224, 1130, ?

Options

This problem has only one correct answer

6969

6792

6793

6791

Correct Answer : B

Solution Description

$6 = 4 \times 1 + 2$,
 $16 = 6 \times 2 + 4$,
 $54 = 16 \times 3 + 6$,
 $224 = 54 \times 4 + 8$,
 $1130 = 224 \times 5 + 10$
 $? = 1130 \times 6 + 12$.

Hence, option (b) is correct.

7-Tut : Find missing number?

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2, 10, 30, 68, 130,?

Options

This problem has only one correct answer

225

224

223

222

Correct Answer : D

Solution Description

Solution:
 $(1)^3 + 1 = 2$,
 $(2)^3 + 2 = 10$,
 $(3)^3 + 3 = 30$,

$(4)^3 + 4 = 68$
 $(5)^3 + 5 = 130$,
 $? = (6)^3 + 6 = 222$.

Hence, option (d) is correct.

8-Tut : Syllogism-1

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Statements: All A are B. All B are C. All C are D

Conclusion:

- I. All B are D.
- II. All C are A.
- III. All A are D.
- IV. All D are B

Options

This problem has only one correct answer

- Only I and II follow
- Only I and III follow
- Only II and III follow
- All follow

Correct Answer : B

9-Tut : Predict The Correct Thing?

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Statements: Some eyes are ears. Some ears are lungs. All lungs are hands

Conclusion:

- I. Some hands are eyes.
- II. Some hands are ears
- III. Some lungs are eyes
- IV. No hand is eye

Options

This problem has only one correct answer

- None follow
- Only IV follows
- Only II follows
- Only III follows

Correct Answer : C

10-Tut : Select The Correct Statement?

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Statements: All liquids are solids. Some solids are gases. All gases are clouds.

Conclusion:

- I. Some clouds are solids.
- II. Some clouds are liquids
- III. Some gases are liquids.
- IV. Some solids are clouds

Options

This problem has only one correct answer

None follows

Only I and II follow

Only III and IV follow

Only I and IV follow

Correct Answer : D

11-Tut : Predict About Statements?

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Statements: All A are B. No B is C. Some D are C.

Conclusion:

- I. Some D are A.
- II. Some D are B
- III. Some A are C.

Options

This problem has only one correct answer

Only I follows.

Only III follows.

None of these.

Only II and III follow.

Correct Answer : C

12-Tut : Get The Conclusion?

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Statements: Some snaps are whatsapp. All Hikes are whatsapp. All whatsapp are facebook.

Conclusion:

- I. Some facebook are snaps.
- II. All hikes are facebook
- III. Some snaps are hikes.
- IV. Some snaps are facebook

Options

This problem has only one correct answer

All follow
Only I, II and III follow
Only I, II and IV follow.
Only III and IV follow

Correct Answer : C

13-Tut : Statements And Conclusion?

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Statements: Some cows are deer. No deer is dog. Some dogs are fox.

Conclusions:

- I. Some cows are fox.
- II. Some foxes are deer.

Options

This problem has only one correct answer

None follows
Only I follows
Either I or II follows
Only II follows

Correct Answer : A

14-Tut : Select The Correct Option?

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Some points are not scales. No scale is circle. Some circles are triangles.

Conclusions:

- I. No point is circle.
- II. No triangle is point.

Options

This problem has only one correct answer

None follows
Only I follows
Either I or II follows
Only II follows

Correct Answer : A

15-Tut : Leaves, Branches And Roots?

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Some leaves are fruits. All branches are fruits. Some roots are branches Conclusions:

- I. Some roots are fruits.
- II. Some branches are leaves.
- III. No leaf is branch.
- IV. Some leaves are roots.

Options

This problem has only one correct answer

Either II or III and I follow

Only I follows

Only either II or III follows

Only I and III follow

Correct Answer : A

16-Tut : Decode it?

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In a certain code 'SUDHIR' is written as 'HIRSUD'

How would 'VISHES' be written in that code?

Options

This problem has only one correct answer

VISHSE

HESVIS

WISEHS

HESIVS

Correct Answer : B

17-Tut : Decode again?

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In a certain code 'PURPOSE' is written as 'UPPRSOE'. How would 'SUDHI' is written in that code.

Options

This problem has only one correct answer

USHDI

SUDIH

USDIH

None Of These

Correct Answer : A

18-Tut : Coding Decoding

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In a certain code 'SUDHIR' is written as 'QTBGGQ'. How would 'ARUN' be written in that code?

Options

This problem has only one correct answer

QYSM

PQRS

YQSM

None Of These

Correct Answer : C

19-Tut : Find pattern?

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If AMAN is written as 'BNBO' in a certain code then ARUN is written as

Options

This problem has only one correct answer

BPTM

BSVM

BVSM

None Of These

Correct Answer : D

20-Tut : Find code?

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If 'AMAN' is written as 'CLCM' in a certain code than in the same code 'ARUN' is written as:

Options

This problem has only one correct answer

CQWO

CQVM

CPWM

CQWM

Correct Answer : D

21-Tut : Decode the number?

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In a certain code if '1000' is written as '1728' and 125 is written as '343'. In the same code '512' is written as:

Options

This problem has only one correct answer

729

343

216

1000

Correct Answer : D