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UPRVUNL Reasoning Sample Paper 2016 PDF Download



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(1) Z, Y, X, U, T, S, P, O, N, K, ?, ?

[A] H,G

[B] H, I

[C] I,H

[D] J, I

Answer : [D]

Explanation:



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(2) U, B, I, P, W, ?

[A] D

[B] F

[C] Q

[D] Z

Answer : [A]

Explanation:



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(3) A, CD, GHI, ?, UVWXY

[A] LMNO

[B] MNO

[C] MNOP

[D] NOPQ

Answer : [C]

Explanation:

Each term consists of consecutive letters in order. The number of letters in the terms goes on increasing by one at each step.

Also, there is a gap of one letter between the last letter of the first term and the first letter of the second term; a gap of two letters between the last letter of the second term and the first letter of the third term; and so on.

So, there should be a gap of three letters between the last letter of the third term and the first letter of the desired term.

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(4) a _ b a _ b _ b _ a _ b

[A] abaab

[B] abbab

[C] aabba

[D] bbabb

Answer : [D]

Explanation:

The series is abb/abb/abb/abb. Thus, the pattern 'abb' is repeated.

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(5) _ o p _ m o _ n _ _ p n m o p _ .

[A] mnpmon

[B] mpnmop

[C] mnompn

[D] mnpomn

Answer : [A]

Explanation:

The series is mopn/mopn/mopn/mopn. Thus, the pattern 'mopn' is repeated.

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(6) A hill always has

[A] Trees

[B] Height

[C] Animals

[D] Water

Answer : [B]

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(7) Which one of the following is always found in factories?

[A] Chimney

[B] Workers

[C] Electricity

[D] Sellers

Answer : [B]

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(8) What is found necessarily in game?

[A] Players

[B] Spectators

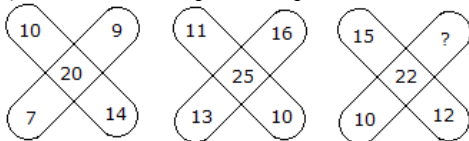
[C] Referee

[D] Victory

Answer : [A]

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(9) Which one will replace the question mark ?



[A] 6

[B] 7

[C] 8

[D] 9

Answer : [B]

Explanation:

$$(10 + 9 + 14 + 7) / 2 = 20$$

$$\text{and } (11 + 16 + 10 + 13) / 2 = 25$$

$$\text{Therefore, } (15 + ? + 12 + 10) / 2 = 22$$

$$\text{Hence } 37 + ? = 44$$

$$? = 44 - 37$$

$$? = 7.$$

(10) Which one will replace the question mark ?

3	6	8
5	8	4
4	7	?

[A] 6

[B] 7

[C] 8

[D] 9

Answer : [A]

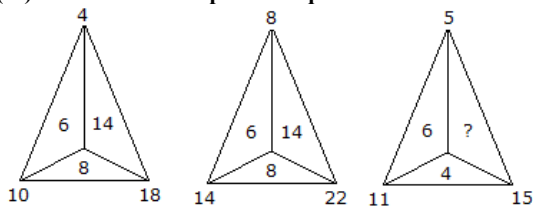
Explanation:

$$(5 + 3)/2 = 4$$

$$\text{and } (6 + 8)/2 = 7$$

$$\text{Therefore } (8 + 4)/2 = 6.$$

(11) Which one will replace the question mark ?



[A] 8

[B] 14

[C] 10

[D] 6

Answer : [C]

Explanation:

For first triangle,

$$10 - 4 = 6$$

$$18 - 10 = 8$$

$$18 - 4 = 14$$

For second triangle,

$$14 - 8 = 6$$

$$22 - 14 = 8$$

$$22 - 8 = 14$$

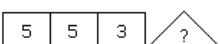
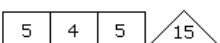
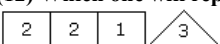
For third triangle,

$$11 - 5 = 6$$

$$15 - 11 = 4$$

$$15 - 5 = 10.$$

(12) Which one will replace the question mark ?



[A] 11

[B] 19

[C] 15

[D] 22

Answer : [D]

Explanation:

$$(2 \times 2 - 1) = 3$$

$$\text{and } (5 \times 4 - 5) = 15$$

$$(5 \times 5 - 3) = 22.$$

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(13) Which one will replace the question mark ?

$$\begin{array}{ccc} \begin{array}{c} 1 \\ \circlearrowleft \\ 2(10)4 \\ \circlearrowright \\ 3 \end{array} & \begin{array}{c} 8 \\ \circlearrowleft \\ 1(17)5 \\ \circlearrowright \\ 3 \end{array} & \begin{array}{c} 9 \\ \circlearrowleft \\ 1(?)6 \\ \circlearrowright \\ 4 \end{array} \end{array}$$

[A] 18

[B] 20

[C] 21

[D] 19

Answer : [B]

Explanation:

$$1 + 2 + 3 + 4 = 10$$

$$\text{and } 1 + 3 + 5 + 8 = 17$$

$$\text{Similarly, } 1 + 4 + 6 + 9 = 20.$$

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(14) Choose the odd one out.

[A] DECB

[B] GDFE

[C] HKIJ

[D] JFHG

Answer : [D]

Explanation:

All other groups consist of four consecutive letters, though not in order.

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(15) Choose the odd one out.

[A] OUQT

[B] QFSE

[C] LKNJ

[D] BSDR

[E] UCYB

Answer : [E]

Explanation:

In all other groups, first letter is moved two steps forward to obtain the third letter, the fourth and second letters are in alphabetical order.

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(16) Choose the odd one out.

[A] CGON

[B] FJQP

[C] HLTS

[D] LPXW

Answer : [B]

Explanation:

In all other groups, the second, fourth and third letters are respectively four, seven and one steps ahead of the first, second and fourth letters respectively.

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(17) Choose the odd one out.

[A] ACEG

[B] IKMO

[C] TVWY

[D] FHJL

[E] NPRT

Answer : [C]

Explanation:

In all other groups, the letters are alternate.

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(18) Choose the odd one out.

[A] SVUT

[B] FGHI

[C] CFED

[D] ILKJ

Answer : [B]

Explanation:

This is the only group containing the four consecutive letters in the correct alphabetical order.

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(19) Choose the odd one out.

[A] AEFJ

[B] EHIL

[C] KOPT

[D] UYZD

Answer : [B]

Explanation:

In all other groups, the second and fourth letters are each four steps ahead of the first and third letters respectively, while second and third letters are consecutive.

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(20) Choose the odd one out.

[A] BCYZ

[B] EFVW

[C] HIUV

[D] JKQR

[E] ABZA

Answer : [C]

Explanation:

In all other groups, first and second as well as third and fourth letters are consecutive and the third letter occupies the same position from Z backward as the first occupies from A onward.

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