## Book For

## Maharashtra Public Service Commission



## MPSC Assistant Commissioner Reasoning Sample Paper

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(1) AYBZC, DWEXF, GUHVI, JSKTL, ?
[A] MQORN
[B] MQNRO
[C] NQMOR
[D] QMONR
Answer : [B]

## Explanation:

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(2) Z, ?, T, ?, N, ?, H, ?, B
[A] W, Q, K, E
[B] W, R, K, E
[C] X, Q, K, E
[D] X, R, K, E
Answer : [A]
Explanation:
돘)
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(3) AI, BJ, CK, ?
[A] DL
[B].DM
[C] GH
[D] LM
Answer : [A]

## Explanation:

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(4) __aba __ ba _ab
[A] abbba
[B] abbab
[C] baabb
[D] bbaba

## Answer : [B]

Explanation:
The series is $\underline{a b} / a b / a \underline{b} / \underline{a b} / a \underline{b} / a b$. Thus, the pattern ' $a b$ ' is repeated.
(5) $\mathrm{a}_{-} \mathrm{ba} \mathbf{-}_{-} \mathrm{b}_{-} \mathrm{b}_{-} \mathrm{a}_{-} \mathrm{b}$
[A] abaab
[B] abbab
[C] aabba
[D] bbabb

Answer : [D]
Explanation:
The series is $a \underline{b} b / a \underline{b} b / \underline{a b} \underline{b} / a \underline{b} b$. Thus, the pattern ' $a b b$ ' is repeated.
(6) If $A+B$ means $A$ is the brother of $B ; A-B$ means $A$ is the sister of $B$ and $A x B$ means $A$ is the father of $B$. Which of the following means that $C$ is the son of $M$ ?
[A] M - N x C +F
[B] F - C $+\mathrm{N} x \mathrm{M}$
$[\mathrm{C}] \mathrm{N}+\mathrm{M}-\mathrm{F} \times \mathrm{C}$
[D] $\mathrm{M} \times \mathrm{N}-\mathrm{C}+\mathrm{F}$

Answer: [D]

## Explanation:

$\mathrm{MxN} \rightarrow \mathrm{M}$ is the father of N
$\mathrm{N}-\mathrm{C} \rightarrow \mathrm{N}$ is the sister of C
and $\mathrm{C}+\mathrm{F} \rightarrow \mathrm{C}$ is the brother of F
Hence, M is the father of C or C is the son of M .
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(7) Pointing to a woman, Abhijit said, "Her granddaughter is the only daughter of my brother." How is the woman related to Abhijit?
[A] Sister
[B] Grandmother
[C] Mother-in-law
[D] Mother

## Answer : [D]

## Explanation:

Daughter of Abhijit's brother $\rightarrow$ niece of Abhijit. Thus the granddaughter of the woman is Abhijit's niece. Hence, the woman is the mother of Abhijit.
(8) A and $B$ are children of $D$. Who is the father of $A$ ? To answer this question which of the statements (1) and (2) is necessary?

1. $C$ is the brother of $A$ and the son of $E$.
2. $F$ is the mother $B$.
[A] Only (1)
[B] Only (2)
[C] Either (1) or (2)
[D] (1) and (2) both

## Answer: [B]

## Explanation:

A and B are children of D
From (1), C is the brother B and son of E
Since, the sex of D and E are not known. Hence (1) is not sufficient to answer the question.
From (2). F is the mother of B. Hence, F is also the mother of A. Hence D is the father of A. Thus, (2) is sufficient to answer the question.
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## (9) Pointing to a girl Sandeep said, "She is the daughter of the only sister of my father." How is sandeep related to the girl?

[A] Uncle
[B] Cousin
[C] Father
[D] Grandfather
Answer: [B]
Explanation: The girl is the daughter of the sister of Sandeep's father. Hence, the girl is the cousin or Sandeep is the cousin of the girl.
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(10) $A$ is the son of $C ; C$ and $Q$ are sisters; $Z$ is the mother of $Q$ and $P$ is the son of $Z$. Which of the following statements is true?
[A] P and A are cousins
$[B] P$ is the maternal uncle of $A$
[C] Q is the maternal grandfather of A
[D] C and P are sisters

## Answer: [B]

## Explanation:

C and Q are sisters and A is the son of C . Hence, C is the mother of A or Z is the mother Q .
Hence, $Z$ is the maternal grandmother of $A$. $P$ is the son of $Z$. Hence, $P$ is the maternal uncle of A.
(11) Choose the odd one out.
[A] YDWB
[B] TKRI
[C] QNOM
[D] HLFJ
[E] WFUD

## Answer : [C]

## Explanation:

In all other groups, first and second letters-are moved two steps backward to obtain third and fourth letters respectively.
(12) Choose the odd one out.
[A] APoQ
[B] DXeM
[C] SFiK
[D] OWjB
[E] CquL

## Answer : [D]

Explanation:
In all other groups, the third letter is small and a vowel.
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## (13) Choose the odd one out.

[A] APBQ
[B] CRDT
[C] EUFV
[D] GWHX
[E] LNMO.

## Answer : [B]

## Explanation:

In all other groups, first and third letters as well as second and fourth letters are consecutive.
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(14) Choose the odd one out.
[A] BCDE
[B] PQRS
[C] WXYZ
[D] STUW
[E] GHIJ
Answer : [D]

Explanation:
Each other group contains 4 consecutive letters.
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(15) Choose the odd one out.
[A] AEFJ
[B] EHIL
[C] KOPT

## 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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(16) Sound : Muffled
[A] Moisture : Humid
[B] Colour : Faded
[C] Despair : Anger
[D] Odour : Pungent

## Answer : [B]

Explanation: Second is the process of gradual disappearances of the first.
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## (17) Lucknow, Patna, Bhopal, Jaipur

[A] Shimla
[B] Mysore
[C] Pune
[D] Indore
Answer : [A]

Explanation: All the cities given in the question are state capitals similarly Shimla is also a capital.
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(18) Wrestling, Karate, Boxing
[A] Pole-vault
[B] Swimming
[C] Judo
[D] Polo
Answer : [C]
Explanation: These are all defensive games.
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(19) 'Indolence' is related to 'Work' in the same way as 'Taciturn' is related to:
[A] Cheat
[B] Act
[C] Speak
[D] Observe
Answer: [C]
Explanation: As 'Indolence' and 'Work' are opposite to each other in the same way 'Taciturn' and 'speak' are opposite to each other.
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(20) 'Horse' is related to 'Hoof' in the same way as 'Eagle' is related to:
[A] Clutch
[B] Leg
[C] Foot
[D] Claw
Answer: [D]
Explanation: As the foot of the 'Horse' is called 'Hoof' in the same way the foot of the 'Eagle' is called 'Claw'.

