

Book For
Pune Mahanagar Parivahan Mahamandal Limited (PMPML)



PMPML Driver Reasoning Sample Paper



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(1) 8, 28, 116, 584, ?

[A] 1752

[B] 3502

[C] 3504

[D] 3508

Answer : [D]

Explanation:

The pattern is $x \times 3 + 4$, $x \times 4 + 4$, $x \times 5 + 4$,.....

So, missing term = $584 \times 6 + 4 = 3508$.

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(2) 125, 126, 124, 127, 123, 129

[A] 126

[B] 124

[C] 123

[D] 129

Answer : [D]

Explanation:

The correct pattern is $+ 1, - 2, + 3, - 4, + 5$.

So, 129 is wrong and must be replaced by $(123 + 5)$ i.e. 128.

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(3) 56, 58, 62, 70, 84, 118, 182

[A] 58

[B] 62

[C] 84

[D] 118

Answer : [C]

Explanation:

The correct pattern is $+ 2, + 4, + 8, + 16, + 32, + 64$ i.e. $+ 2, + 2^2, + 2^3, + 2^4, + 2^5, + 2^6$.

So, 84 is wrong and must be replaced by $(70 + 16)$ i.e. 86.

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(4) ADVENTURE, DVENTURE, DVENTUR, ?, VENTU

[A] DVENT

[B] VENTURE

[C] VENTUR

[D] DVENTU

[E] None of these

Answer : [C]

Explanation:

One letter from the beginning and one from the end of a term are removed, one by one, in alternate steps.

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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) Arrange the words given below in a meaningful sequence.

1. Rainbow 2. Rain 3. Sun

4. Happy 5. Child

[A] 4, 2, 3, 5, 1

[B] 2, 3, 1, 5, 4

[C] 4, 5, 1, 2, 3

[D] 2, 1, 4, 5, 3

Answer : [B]

Explanation:

The correct order is :

Rain Sun Rainbow Child Happy

2 3 1 5 4

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(7) Arrange the words given below in a meaningful sequence.

1. Never 2. Sometimes 3. Generally 4. Seldom 5. Always

[A] 5, 2, 1, 3, 4

[B] 5, 2, 4, 3, 1

[C] 5, 3, 2, 1, 4

[D] 5, 3, 2, 4, 1

Answer : [D]

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(8) Arrange the words given below in a meaningful sequence.

1. Sentence 2. Chapter 3. Letter 4. Book 5. Word 6. Paragraph

[A] 4, 2, 1, 6, 5, 3

[B] 4, 2, 6, 1, 5, 3

[C] 4, 6, 1, 2, 3, 5

[D] 4, 6, 2, 5, 1, 3

Answer : [B]

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(9) Arrange the words given below in a meaningful sequence.

1. Post-box 2. Letter 3. Envelope 4. Delivery 5. Clearance

[A] 2, 3, 1, 4, 5

[B] 3, 2, 1, 4, 5

[C] 3, 2, 1, 5, 4

[D] 3, 2, 4, 5, 1

Answer : [C]

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(10) If A is the brother of B; B is the sister of C; and C is the father of D, how D is related to A?

[A] Brother

[B] Sister

[C] Nephew

[D] Cannot be determined

Answer : [D]

Explanation:

If D is Male, the answer is Nephew.

If D is Female, the answer is Niece.

As the sex of D is not known, hence, the relation between D and A cannot be determined.

Note: Niece - A daughter of one's brother or sister, or of one's brother-in-law or sister-in-law. Nephew - A son of one's brother or sister, or of one's brother-in-law or sister-in-law.

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(11) Pointing to a photograph of a boy Suresh said, "He is the son of the only son of my mother." How is Suresh related to that boy?

[A] Brother

[B] Uncle

[C] Cousin

[D] Father

Answer : [D]

Explanation: The boy in the photograph is the only son of the son of Suresh's mother i.e., the son of Suresh. Hence, Suresh is the father of boy.

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(12) Deepak said to Nitin, "That boy playing with the football is the younger of the two brothers of the daughter of my father's wife." How is the boy playing football related to Deepak?

[A] Son

[B] Brother

[C] Cousin

[D] Brother-in-law

Answer : [B]

Explanation: Father's wife → mother. Hence, the daughter of the mother means sister and sister's younger brother means brother. Therefore, the boy is the brother of Deepak.

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(13) Anupam said to a lady sitting in a car, "The only daughter of the brother of my wife is the sister-in-law of the brother of your sister." How the husband of the lady is related to Anupam?

[A] Maternal uncle

[B] Uncle

[C] Father

[D] Son-in-law

Answer : [D]

Explanation:

Anupam's son-in-law is the brother of the lady who was sitting in the car. Hence, the husband is also the son-in-law of Anupam.

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(14) 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.

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(15) A man walks 5 km toward south and then turns to the right. After walking 3 km he turns to the left and walks 5 km. Now in which direction is he from the starting place?

[A] West

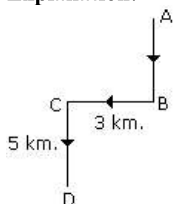
[B] South

[C] North-East

[D] South-West

Answer : [D]

Explanation:



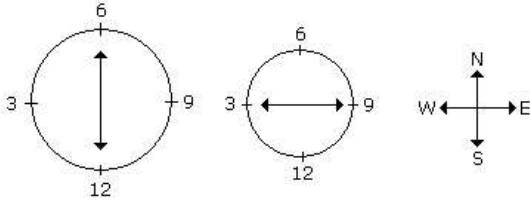
Hence required direction is South-West.

(16) Rahul put his timepiece on the table in such a way that at 6 P.M. hour hand points to North. In which direction the minute hand will point at 9.15 P.M. ?

- [A] South-East
- [B] South
- [C] North
- [D] West

Answer : [D]

Explanation:



At 9.15 P.M., the minute hand will point towards west.

(17) One morning Udai and Vishal were talking to each other face to face at a crossing. If Vishal's shadow was exactly to the left of Udai, which direction was Udai facing?

- [A] East
- [B] West
- [C] North
- [D] South

Answer : [C]

Explanation:

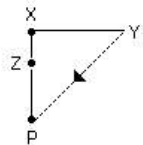


(18) Y is in the East of X which is in the North of Z. If P is in the South of Z, then in which direction of Y, is P?

- [A] North
- [B] South
- [C] South-East
- [D] None of these

Answer : [D]

Explanation:



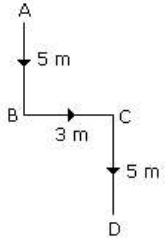
P is in South-West of Y.

(19) X started to walk straight towards south. After walking 5 m he turned to the left and walked 3 m. After this he turned to the right and walked 5 m Now to which direction X is facing?

- [A] North-East
- [B] South
- [C] North
- [D] South-West

Answer : [B]

Explanation:



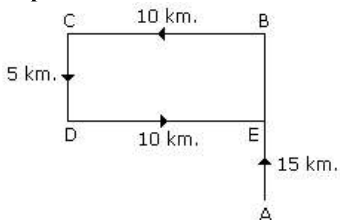
Hence X will face in the end towards South.

(20) From his house, Lokesh went 15 km to the North. Then he turned west and covered 10 km. Then he turned south and covered 5 km. Finally turning to the east, he covered 10 km. In which direction is he from his house?

- [A] East
- [B] West
- [C] North
- [D] South

Answer : [C]

Explanation:



Therefore, it is clear that he is in the North from his house.
