

Quiz Date: 8th July 2020

Direction (1-5): Read all the information carefully and answer the given questions:

There are eight people A, B, C, D, E, F, G and H they live on 8 different floors of a building, lowermost floor is numbered as 1 and topmost floor is numbered as 8. All are of different ages i.e. 45, 36, 28, 24, 5, 15, 17 and 11, but not necessarily in the same order.

There are two people live between E and C. H is the oldest person but doesn't live on even numbered floor. There are only two people live between C and the floor on which third youngest person live. B lives just above the floor on which the person lives who is 5yrs old. E's age is a perfect square of even number. B lives on an even numbered floor. E lives on odd numbered floor. Neither G nor F lives on 7th floor. B's age is not 11 and 17 yrs. The one who lives on 2nd floor, his age is an even number, but he is not 24yrs old. A lives on even numbered floor above B. D lives on even numbered floor. Only two persons live between G and A, whose age is a prime number, but he is younger than F.

Q1. Who among the following lives on 5th floor?

- (a) F
- (b) C
- (c) G
- (d) A
- (e) D

Q2. Who among the following is 28 yrs old?

- (a) C
- (b) A
- (c) D
- (d) B
- (e) E

Q3. C lives on which of the following floor?

- (a) 8th floor
- (b) 3rd floor
- (c) 4th floor
- (d) 7th floor
- (e) 1st floor

Q4. Who among the following is 17yrs old?

- (a) F
- (b) C
- (c) A
- (d) F
- (e) D

Q5. How many persons lives between A's floor and H's floor?

- (a) Two
- (b) One

- (c) Three
- (d) Four
- (e) None of these

Directions (6-8): Study the following information carefully and answer the questions given below.

P%Q (20)- P is 10m in north of Q

P\$Q (16)- P is 8m in south of Q

P#Q (22)- P is 11m in east of Q

P&Q (14)- P is 7m in west of Q

A&B (8), G%F (12), D#C (20), B%C (8), F&E (40), E\$D (12), G&H (12).

Q6. If L is mid-point of E and F, then what is the distance between C and L?

- (a) 8m
- (b) 10m
- (c) 6m
- (d) 7m
- (e) None of these

Q7. What is the direction and shortest distance of point A with respect to point G?

- (a) $\sqrt{15}$ m, North-East
- (b) 17m, South-East
- (c) $\sqrt{12}$ m, South-West
- (d) $\sqrt{52}$ m, North-East
- (e) None of these

Q8. What is the direction of point B with respect to point D?

- (a) South
- (b) North-West
- (c) South-East
- (d) North
- (e) None of these

Directions (9-11): In each of the questions below. Some statements are given followed by some conclusions. You have to assume all the statements to be true even if they seem to be at variance from the commonly known facts and then decide which of the given conclusion logically follows from the information given in the statements.

- (a) If only conclusion I follows
- (b) If only conclusion II follows
- (c) If either I or II follows
- (d) If neither I nor II follows
- (e) If both I and II follow

Q9. Statements:

No book is novel

All magazine is novel

Some paper is magazine

Conclusions:

- I. Some paper is not book is a possibility.
- II. All book are paper is a possibility

Q10. Statements:

All picture is colour

All picture is draw

Some painting is colour

Conclusions:

- I. Some colour are draw
- II. All painting are picture is a possibility

Q11. Statements:

All blue is white

All grey is yellow

No white is grey

Conclusions:

- I. No yellow is blue
- II. Some grey are white

Directions (12-13): Study the following information carefully and answer the given questions:

P # Q means P is to the West of Q at a distance of 4m.

P * Q means P is to the South of Q at a distance of 5m.

P \$ Q means P is to the East of Q at a distance of 6m.

P % Q means P is to the North of Q at a distance of 7m.

Q12. If M * N # O % P \$ L, then L is in which direction with respect to M?

- (a) North
- (b) West
- (c) North-east
- (d) South-west
- (e) None of these

Q13. If A # B \$ C * D \$ E, then what is the shortest distance between A and E?

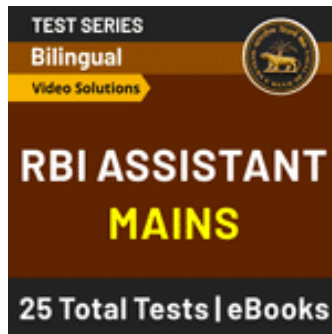
- (a) 10m
- (b) $\sqrt{89}$ m
- (c) $\sqrt{113}$ m
- (d) 9m
- (e) None of these

Q14. Which of the following is the third letter from the right end of the meaningful word formed from the 1st, 3rd, 6th and 7th letters of the word 'PRESCHOOL'. If more than one word is formed your answer will be Z.

- (a) 0
- (b) H
- (c) Z
- (d) E
- (e) P

Q15. If in the number 39682147, 1 is added to each even digit and 1 is subtracted from each odd digit, then all digits are arranged in ascending order from left to right. Which of the following digit is third to the right of the digit which is seventh from the right end?

- (a) 3
- (b) 5
- (c) 6
- (d) 8
- (e) 9



Solutions (1-5):

Sol.

Floor	Student	Age
8	A	11
7	E	36
6	B	24
5	G	5
4	C	17
3	H	45
2	D	28
1	F	15

S1. Ans.(c)

S2. Ans.(c)

S3. Ans.(c)

S4. Ans.(b)

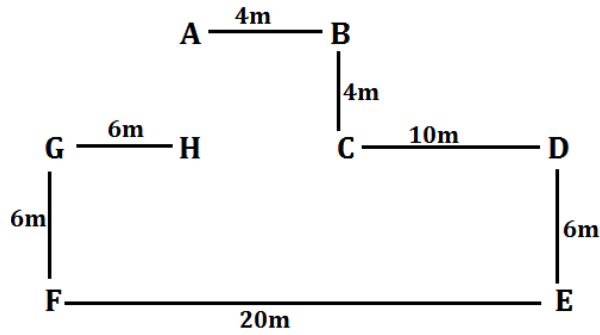
S5. Ans.(d)

Solutions (6-8):

Sol.

Solutions

adda247



S6. Ans.(c)

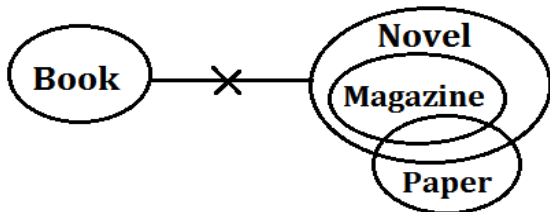
S7. Ans.(d)

S8. Ans.(b)

Solution (9-11):

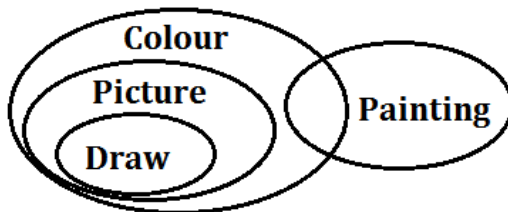
S9. Ans.(b)

Sol.



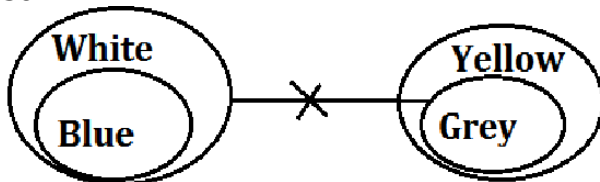
S10. Ans.(e)

Sol.



S11. Ans.(d)

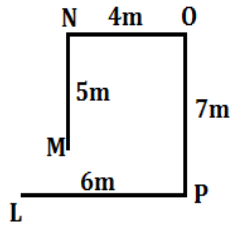
Sol.



Solutions (12-13):

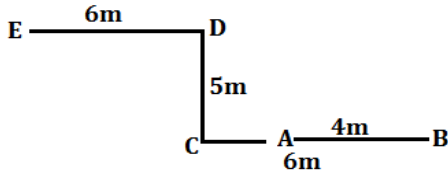
S12. Ans(d)

Sol.



S13. Ans.(b)

Sol.



S14. Ans.(a)

Sol. HOPE

S15. Ans.(c)

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