

Quiz Date: 1<sup>st</sup> March 2020

**Directions (1-5): Study the following information carefully and answer the questions given below:**

Eight persons are lives on eight different floors of an eight storey building. Ground floor is numbered as 1 and top floor is numbered as 8. All of them sits in a linear row and facing north direction. A lives on odd number floor and sits third from the left end. Only four persons live between A and H. E lives on even number floor between the floors of A and H. E does not live on a floor adjacent to A's floor but sits third to right of A. G does not live on odd number floor. The one who sits third to the right of H does not live above H. The one who sits at left end lives on fifth floor. D lives immediate above E. There is a gap of two floors between floors of D and C, who lives above H. More than two persons sit between G and the one who lives on second floor. The one who lives on eight floor sits third to right of D. Only two persons sit between C and B. G does not sit with A and F. The one who lives just below A sits on right end.

Q1. Who among the following lives on second floor?

- (a) D
- (b) C
- (c) H
- (d) B
- (e) None of these

Q2. Who among the following sits immediate left of G?

- (a) A
- (b) B
- (c) E
- (d) F
- (e) None of these

Q3. The person who sits second to the left of E, lives on which of the following floor?

- (a) 5<sup>th</sup>
- (b) 6<sup>th</sup>
- (c) 4<sup>th</sup>
- (d) 8<sup>th</sup>
- (e) None of these

Q4. How many persons sits between the who lives on 7<sup>th</sup> floor and the one who lives on 2<sup>nd</sup> floor?

- (a) One
- (b) Two
- (c) Five
- (d) Four
- (e) None

Q5. Which of the following statement is true about F?

- (a) F sits immediate right of E
- (b) F lives on an even numbered floor
- (c) Only two persons are sitting between F and the one who lives on 6<sup>th</sup> floor
- (d) Only two persons are live between F and D
- (e) None of these

**Directions (6-7):** Given below are pairs of events 'A' and 'B'. You have to read both the events 'A' and 'B' and decide their nature of relationship. You have to assume that the information given in 'A' and 'B' is true and you will not assume anything beyond the given information in deciding the answer. Mark answer

- (a) If 'A' is the effect and 'B' is its immediate and principal cause.
- (b) If 'A' is the immediate and principal cause and 'B' is its effect.
- (c) If 'A' is an effect but 'B' is not its immediate and principal cause.
- (d) If 'B' is an effect but 'A' is not its immediate and principal cause.
- (e) None of these

Q6. **Statement (A):** The government has decided to roll back the hike in the prices of cooking gas and kerosene.

**Statement (B):** Some ministers had resigned in protest against the hike in prices of cooking gas and other petroleum products.

Q7. **Statement (A):** A traveler found cockroaches in the crevices of his seat and also in the toilets of India's most prestigious train, the Rajdhani Express.

**Statement (B):** He drew the attention of catering manager, Western Railway, to the insects.



Q8. How many words can be formed from the 2<sup>nd</sup>, 4<sup>th</sup> and 7<sup>th</sup> letter of the word "NATURAL" and 1<sup>st</sup>, 3<sup>rd</sup>, 4<sup>th</sup> and 5<sup>th</sup> letter of the word "FORCES" by using each letter once in the word?

- (a) Four
- (b) Three
- (c) Two
- (d) One
- (e) None

**Q9.** If all the digits of the number 48623957, are arranged in ascending order from left to right, then 2 is added to the first four digits of the number and 2 is subtracted to the last four digits of the number. Then how many digits are repeating in the number thus formed?

- (a) two
- (b) one
- (c) none
- (d) three
- (e) four

**Q10.** Which of the following symbols should replace the sign (@) and (%) respectively in the given expression in order to make the expression  $L \geq U$  and  $R > J$  definitely true?

$$L \geq K \geq P = N = J @ U \leq A \% R$$

- (a)  $\leq, =$
- (b)  $\leq, \leq$
- (c)  $>, \leq$
- (d)  $=, <$
- (e)  $\geq, <$

**Direction (11-15):** In the following questions, the symbols #, &, @ and \$ are used with the following meanings as illustrated below. Study the following information and answer the given questions:

Note: The directions which are given indicates exact directions.

P#Q - P is in the south direction of Q.

P@Q - P is in the north direction of Q.

P&Q - P is in the east direction of Q.

P\$Q - P is in the west direction of Q.

PEQS- P is the mid-point of QS vertically.

Point B is \$24m of point C. Point X&EBC. Point E is @23m of point F. Point B is #10m of point A. Point D is &12m of point E. Point H is @5m of point G. Point G is \$12m of point F. Point C is #15m of point D.

Q11. What is the shortest distance between point A to Point X?

- (a) 16m
- (b) 10m
- (c)  $2\sqrt{61}$ m
- (d)  $5\sqrt{13}$ m
- (e) None of these

Q12. What is the direction of point D with respect to point G?

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

Q13. If Point M is @10m of point C, then what is the shortest distance and direction of point M with respect to point E?

- (a) 13m, North-West
- (b) 15m, North
- (c) 10m, South-west
- (d) 13m, South-east
- (e) None of these

Q14. What is the direction of point F with respect to point C?

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

Q15. What is the direction and shortest distance of point A with respect to point G?

- (a) 18m, North
- (b) 15m, North-east
- (c) 13m, South
- (d) 19m, South-west
- (e) None of these

**Directions (16-18): Each of the question below consists of a question and three statements numbered I, II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question.**

- (a) If statements I is sufficient to answer the question, but statement II by itself is not sufficient to answer the question.
- (b) If statement II by itself is sufficient to answer the question, but statement I alone is not sufficient to answer the question.
- (c) If statement either I or II is sufficient to answer the question.
- (d) If both the statements I and II taken together are not sufficient to answer the question.
- (e) If both the statements I and II taken together are sufficient to answer the question.

Q16. Who is tallest among five friends P, Q, R, S and T?

- I. S is taller than R but just shorter than T.
- II. T is shorter than P and Q is shorter than T.

Q17. How is K related to M?

- I. M is Q's father's only sister.
- II. N is mother of K who is the daughter of O.

Q18. Seven boxes are arranged one above another. Which of the following box is placed at top of the stack?

- I. More than two boxes are placed between A and D. Three boxes are placed between E and D, which is placed below box E.

II. Only one box is placed between E and F. Two boxes between G and E. F is not just above Box G.



**Direction (19-20):** Study the following information carefully to answer the given questions.

**In a certain code language-**

“Truth Pocket legacy” is coded as “03 G20 K5”

“Earn Money Work” is coded as “N5 V18 D18”

“Divide Exam Surprise” is coded as “H19 W4 V1”

Q19. What is the code for “Money”?

- (a) V18
- (b) G20
- (c) N5
- (d) D18
- (e) None of these

Q20. What is the code for “Given Mobile”?

- (a) H19 N12
- (b) N12 T5
- (c) T5 N10
- (d) N5 D18
- (e) None of these

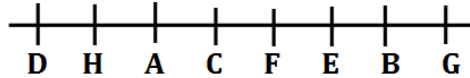
### Solutions

**Solutions (1-5):**

**Sol.**

Floors	Persons
8	C
7	A
6	G
5	D

4	E
3	B
2	H
1	F



S1. Ans.(c)

S2. Ans.(b)

S3. Ans.(d)

S4. Ans.(e)

S5. Ans.(c)

**Solutions (6-7):**

S6. Ans.(a)

Sol. Because of the statement (B), government has decided to roll back the hike in the prices of cooking gas and kerosene.

S7. Ans.(b)

Sol. As he found cockroaches in the crevices, he immediately drew the attention of the catering manager. So, statement (B) is the effect of statement (A).

S8. Ans.(d)

Sol. Careful

S9. Ans.(e)

Sol. Original Number- 48623957

After arrangement- 23456789

Obtained number- 45674567

S10. Ans. (d)

**Solutions (11-15):**

**Sol.**



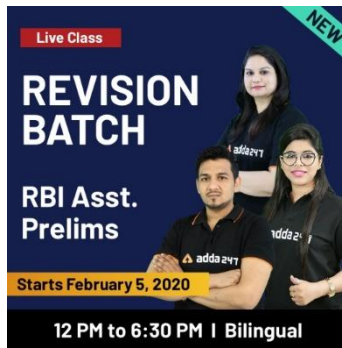
(Reverse letter of first  
letter of given word)

MONEY — N 5

(Place value of second last  
letter of the given word)

S19. Ans.(c)

S20. Ans.(b)



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