

NABARD Grade A Previous Year Question Paper 2021- Test of Reasoning

Directions (1-3): In each of the questions some statements are given below followed by two conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

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

Q1. Statements: Some Pen are Book. No Pen are Pencil.

Conclusion I: Some Book are Pencil.

II: All Book can be Pencil.

Q2. Statements: All Bag are Purple. No Purple are Pink.

Conclusion I: Some Bag are Pink.

II: All Pink can be Bag.

Q3. Statements: All Nib are Notebook. No Nib are Laptop.

Conclusion I: All Notebook can never be Laptop.

II: Some Laptop are Notebook

Directions (4-7): Study the following information to answer the given questions:

Eight persons i.e., J, K, L, M, N, O, P and Q are sitting around a rectangular table. Persons sitting at the centre of the sides are facing towards inside and likes different chocolates i.e., Dairymilk, Fivestar, Kitkat and Munch. Those sitting at the corner are facing towards outside the table and likes different fruits i.e., Mango, Apple, Litchi and Guava. All information are not necessarily in the same order.

M sits second to the right of Q. K and M do not like Guava. O do not like Mango. Two persons sit between Q and N who likes apple. The one who faces L likes munch. O does not sit opposite to one who likes guava. K and L are immediate neighbors of N. L likes Dairymilk and sits immediate left of the one who likes mango. K faces M. P does not sit opposite to N and is not an immediate neighbor of the one who likes diarymilk. M and the immediate neighbors of M does not like kitkat. O likes Litchi.

Q4. Who sits exactly between N and P?

- (a) J
- (b) O
- (c) Q
- (d) The one who likes kitkat
- (e) None of these

Q5. Who among the following sits opposite to the one who likes litchi?

- (a) N
- (b) K
- (c) P
- (d) Q
- (e) None of these

Q6. How many persons sit between the one who likes munch and L?

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

Q7. Which of the following statement is true about J?

- (a) J sits immediate left of M
- (b) O is immediate neighbor of J
- (c) Q faces J
- (d) L sits immediate left of J
- (e) None

Directions (8-9): In these questions relationship between different element is shown in the statements. These statements are followed by two conclusions.

Give answer:

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

Q8. Statements: $Z = B \geq R < T$; $R = E \leq K < M > J$

Conclusion: I. $M > B$ II. $R < M$

Q9. Statements: $A > M = J > Q$; $Q > Z > N \geq D$

Conclusions: I. $M > Z$ II. $J \geq D$

Directions (10-13): Study the following information carefully and answer the questions given below:

Ten persons i.e. P, Q, R, S, T, U, V, W, X and Y are sitting in two parallel rows i.e. Row 1 and Row 2. Five persons are sitting in row 1 and are facing in South direction while rest are sitting in row 2 and are facing in North direction. Five persons among them like a different color i.e. Blue, Yellow, Pink, Grey and Red. All information not necessary in the same order. The one who likes Blue color faces the one who sits third to the left of the one who likes Red color. The one who likes Red color does not sit at the end of the row. W likes Grey and sits to the immediate right of the one who faces the one who likes Blue color. The one who likes Yellow color sits to the immediate left of R and immediate right of U. R does not like Blue. U does not sit at the end of the row. More than two persons sit between X and T. X sits second to the left of V. V does not like Yellow color. T faces the one who likes Pink color. As many persons sit between P and Q as there sit between Q and Y. Y does not like Blue color. S faces in North Direction.

Q10. Who among the following likes Red Color?

- (a) P
- (b) R
- (c) Q
- (d) S
- (e) None of these

Q11. How many persons sits between P and the one who likes Pink color?

- (a) One
- (b) Two
- (c) Three
- (d) Four
- (e) More than four

Q12. Who among the following sits to the immediate left of the one who likes Yellow color?

- (a) P
- (b) R
- (c) U
- (d) S
- (e) None of these

Q13. Which statement among the following is true regarding W?

- (a) W sits to the immediate left of S
- (b) W sits to the immediate right of T
- (c) W likes Yellow color
- (d) W sits in row 1
- (e) None is true

Directions (14-16): Study the information carefully and answer the questions given below.

A is 5m east of B. D is 5m west to B. E is 10m south to D. C is 5m north to A. F is 5m east E. G is 5m north to F. G is 10m west to H. I is 5m east to C.

Q14. In which direction is E with respect to C?

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

Q15. What is the shortest distance between D and G?

- (a) $5\sqrt{2}$ m
- (b) 5m
- (c) 6m
- (d) $5\sqrt{5}$ m
- (e) None of these

Q16. What is the total distance between G and I?

- (a) 30m
- (b) 35m
- (c) 45m
- (d) 40m
- (e) 50m

Directions (17-20): Study the following information carefully and answer the questions given below:

Six persons i.e. J, K, L, M, N and O are living in a six storey building with ground floor numbered as 1, above floor numbered as 2 and so on till top floor numbered as 6. They all belong to different places i.e. Delhi, Gujarat, Punjab, Haryana, Rajasthan and Bihar. All information not necessary in the same order. Three persons live between the one who belongs to Rajasthan and O. Two persons live between the one who belongs to Rajasthan and the one who belongs to Gujarat. Three persons live between the one who belongs to Gujarat and J. M lives just above the one who belongs to Punjab. M does not belong to Rajasthan. One person lives between the one who belongs to Punjab and the one belongs to Delhi. The one who belongs to Punjab lives below the one who belongs to Delhi. N lives above L and K. K lives on an odd floor. J and L does not like Haryana.

Q17. How many persons are living between O and J?

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

Q18. The person living on 3rd floor belongs to which Place?

- (a) Delhi
- (b) Gujarat
- (c) Punjab
- (d) Haryana
- (e) None of these

Q19. Who among the following lives just above the one who lives on 5th floor?

- (a) O
- (b) The one who belongs to Gujarat
- (c) N
- (d) The one who belongs to Rajasthan
- (e) None of these

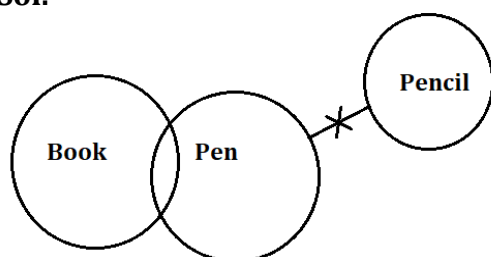
Q20. Which statement among the following is true regarding L?

- (a) L lives just above K
- (b) L lives just below N
- (c) L lives on 5th floor
- (d) L belongs to Bihar
- (e) None is true

Solutions (1-3):

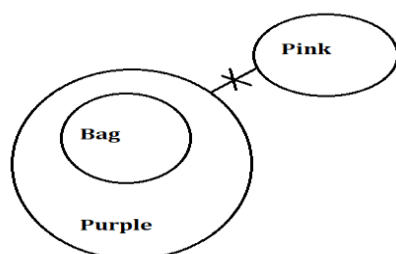
S1. Ans. (d)

Sol.



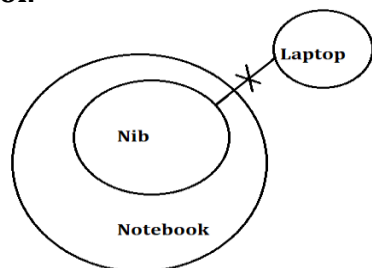
S2. Ans. (d)

Sol.



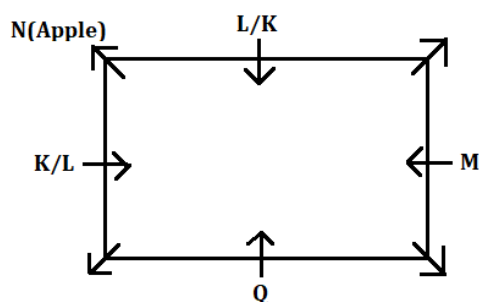
S3. Ans. (a)

Sol.

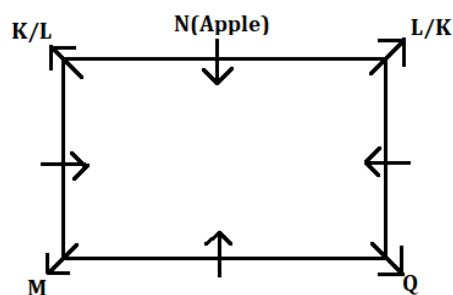


Solutions (4-7):

According to given statements, M sits second to the right of Q. Two persons sit between Q and N. K and L are immediate neighbors of N. here, we get two possible cases i.e., Case1 and Case2.

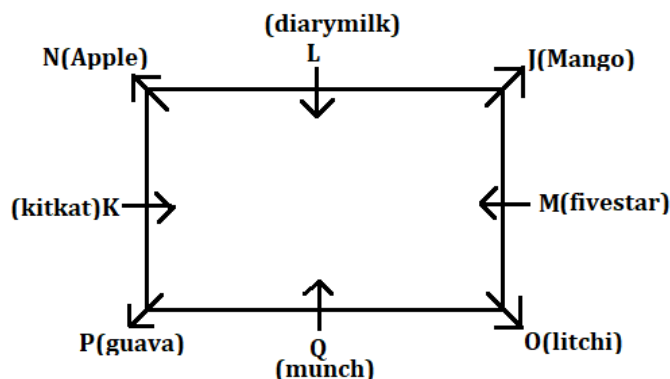


Case 1



Case 2

K faces M. Here, case 2 gets cancelled. L likes Dairy milk and sits immediate left of the one who likes mango. K faces M. P does not sit opposite to N and is not an immediate neighbor of the one who likes dairy milk. K and M do not like Guava. O does not like Mango. The one who faces L likes munch. O does not sit opposite to one who likes guava. M and immediate neighbors of M does not like kitkat. O likes Litchi. Hence, final arrangement will be,



S4. Ans. (d)

S5. Ans. (a)

S6. Ans. (c)

S7. Ans. (d)

Solutions (8-9):

S8. Ans. (b)

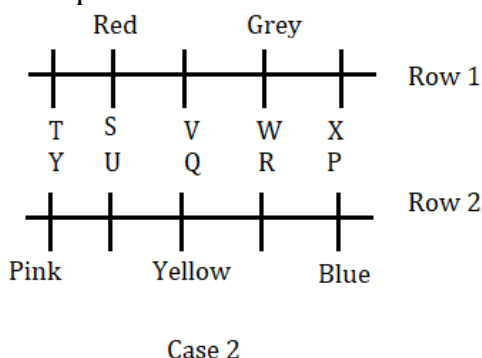
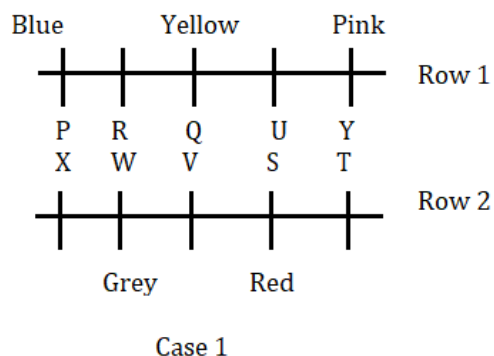
Sol. I. $M > B$ (False) II. $R < M$ (True)

S9. Ans. (a)

Sol. I. $M > Z$ (True) II. $J \geq D$ (False)

Solutions (10-13): From the given conditions;

The one who likes Blue color faces the one who sits third to the left of the one who likes Red color. The one who likes Red color does not sit at the end of the row. W likes Grey and sits to the immediate right of the one who faces the one who likes Blue color. The one who likes Yellow color sits to the immediate left of R and immediate right of U. W does not like Yellow. R does not like Blue. U does not sit at the end of the row. More than two persons sit between X and T. X sits second to the left of V. V does not like Yellow color. T faces the one who likes Pink color. As many persons sit between P and Q as there sit between Q and Y. Y does not like Blue color. Here there are two cases possible i.e. case 1 and case 2.



S faces in North Direction. Here case 2 gets eliminated. So the final solution is given below.

Blue		Yellow		Pink	
					Row 1
P	R	Q	U	Y	
X	W	V	S	T	
					Row 2
Grey			Red		

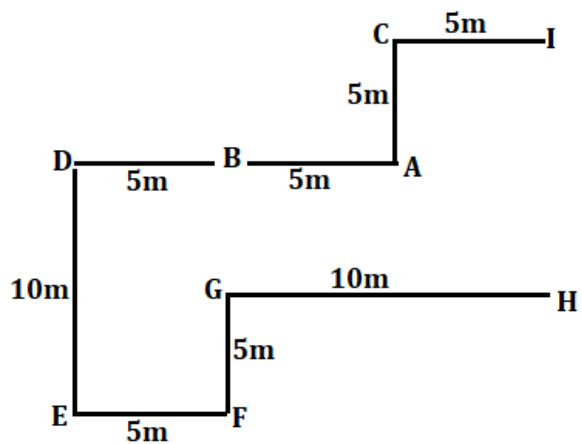
S10. Ans. (d)

S11. Ans. (c)

S12. Ans. (c)

S13. Ans. (e)

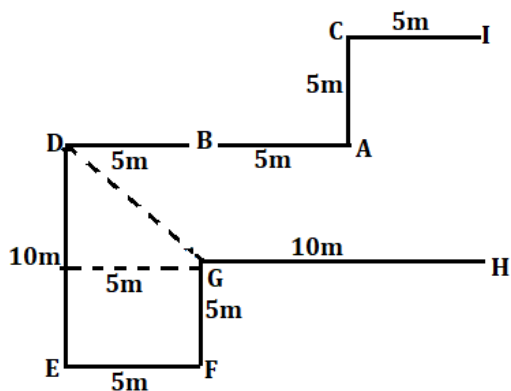
Solutions (14-16):



S14. Ans. (b)

S15. Ans. (a)

Sol.



S16. Ans. (d)

Solutions (17-20): From the given conditions;

Three persons live between the one who belongs to Rajasthan and O. Two persons live between the one who belongs to Rajasthan and the one who belongs to Gujarat. Three persons live between the one who belongs to Gujarat and J. Here there are Two cases possible i.e. case1 and case2.

	Case 1		Case 2	
Floors	Persons	Places	Persons	Places
6	O		J	
5		Gujarat		Rajasthan
4				
3				
2		Rajasthan		Gujarat
1	J		O	

M lives just above the one who belongs to Punjab. M does not belong to Rajasthan. One person lives between the one who belongs to Punjab and the one belongs to Delhi. The one who belongs to Punjab lives below the one who belongs to Delhi. N lives above L and K. K lives on an odd floor. Here there are two cases possible i.e. case1 and case2.

	Case 1		Case 2	
Floors	Persons	Places	Persons	Places
6	O	Delhi	J	
5	M	Gujarat	N	Rajasthan
4	N	Punjab	L	
3	K		K	Delhi
2	L	Rajasthan	M	Gujarat
1	J		O	Punjab

J and L do not like Haryana. Here case 2 gets eliminated. So, the final solution is given below;

Floors	Persons	Places
6	O	Delhi
5	M	Gujarat
4	N	Punjab
3	K	Haryana
2	L	Rajasthan
1	J	Bihar

S17. Ans. (d)

S18. Ans. (d)

S19. Ans. (a)

S20. Ans. (e)

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