Quiz Date: 17th May 2020

Directions (1-5): **Study the following information carefully and answer the given questions.**
A, B, C, D, E, F, G and H are sitting around a circular table in such a way that no two persons sitting together face same direction. Each of them likes a different colours, viz Blue, Black, Red, Brown, Purple, Green, White and Pink. (None of the information given in necessarily in the same order.)
C sits third to the left of the one who likes Pink. The one who likes Pink faces outside. Only two persons sit between C and H. The one who likes Blue sits on the immediate right of H. The one who likes Purple sits second to the right of G. G is neither an immediate neighbour of H nor of C. G does not like Pink. Only one person sits between A and the one who likes Purple. D sits on the immediate left of the one who likes Green. G does not like Green. E likes White. E is not an immediate neighbour of A. The one who likes Black is an immediate neighbour of E. The one who likes Brown is an immediate neighbour of F.

Q1. Who amongst the following sits opposite the one who likes Blue?
(a) The one who likes Black
(b) D
(c) A
(d) The one who likes Red
(e) The one who likes Brown

Q2. Who among the following represent the immediate neighbours of the one who likes Purple?
(a) B, F
(b) B, E
(c) C, E
(d) D, F
(e) F, H

Q3. Who among the following sits exactly between H and B?
(a) C
(b) The one who likes White
(c) A
(d) F
(e) The one who likes Red

Q4. Which of the following is true regarding B?
(a) B is one of the immediate neighbours of D.
(b) The one who likes Pink is an immediate neighbour of B.
(c) B sits second to the left of H.
(d) B is an immediate neighbour of the one who likes Blue.
(e) B likes White.

Q5. What is the position of the one who likes Green colour with respect to G?

(a) Second to the left
(b) Third to the right
(c) Fourth to the left
(d) Second to the right
(e) Third to the left

Directions (6-10): **Each of the following questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and give answer.**

Q6. Who amongst P, Q, R, S and T is the tallest?
I. P is taller than Q. T is not the tallest.
II. R is taller than P. S is not the tallest.
(a) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.
(b) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.
(c) If the data in either statement I alone or in statement II alone are sufficient to answer the question.
(d) If the data in both the statements I and II together are not sufficient to answer the question.
(e) If the data in both the statements I and II are together necessary to answer the question.

Q7. In which direction is point E, with respect to point S?
I. Point D is to east of point E. Point E is to the south of point F.
II. Point F is to the north-west to point S. Point D is to the north of point S.
(a) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.
(b) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.
(c) If the data in either statement I alone or in statement II alone are sufficient to answer the question.
(d) If the data in both the statements I and II together are not sufficient to answer the question.
(e) If the data in both the statements I and II are together necessary to answer the question.

Q8. In which month of the year did Raman go abroad for a vacation?
I. Raman correctly remembers that he went for a vacation in the first half of the year.
II. Raman's son correctly remembers that they went for a vacation after 31st March but before 1st May.
(a) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.
(b) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.

(c) If the data in either statement I alone or in statement II alone are sufficient to answer the question.
(d) If the data in both the statements I and II together are not sufficient to answer the question.
(e) If the data in both the statements I and II are together necessary to answer the question.

Q9. On which day of the same week is Rudra's exam scheduled (Monday being the first day of the week)?
I. Rudra correctly remembers that his exam is scheduled on a day after Tuesday, but before Thursday of the same week.
II. Rudra's father correctly remembers that Rudra's exam is scheduled on the third day of the week.
(a) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.
(b) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.
(c) If the data in either statement I alone or in statement II alone are sufficient to answer the question.
(d) If the data in both the statements I and II together are not sufficient to answer the question.
(e) If the data in both the statements I and II are together necessary to answer the question.

Q10. How many marks has Sujit scored in the test?
 I. Sujit scored two-digit marks. His marks were less than or equal to 20.
II. Sujit scored more than 9 marks in the test.
(a) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.
(b) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.
(c) If the data in either statement I alone or in statement II alone are sufficient to answer the question.
(d) If the data in both the statements I and II together are not sufficient to answer the question.
(e) If the data in both the statements I and II are together necessary to answer the question.

Directions (11-14): **Read the given information carefully and answer the given questions.**
Ten people A, B, C, D, E, F, G, H, I, J live in a building with four floors. Each floor has 3 flats - flat 1, flat 2, and flat 3 in the same order from left to right. Ground floor is numbered floor 1 and top most floor is floor 4. Each flat is built in such a way that Flat 1 of floor 2 is just above Flat 1 of floor 1 and so on.
B lives in an odd numbered flat which is in the left of D. C lives in the flat just above H. F and E lives on the same floor and no one else is living with them on that floor. I live on one of the floor on which one flat is vacant. F and I both lives in the flat which is numbered 1. G lives on a floor and flat just above C's floor and flat. The two flats in which no one lives are on even numbered floor and in even numbered flat. G does not live on even numbered floor

and even numbered flat. The flat between A and D is vacant and A lives in one of the flat above D.

Q11. Who is living just above D (in the same flat number)?
(a) A
(b) G
(c) J
(d) F
(e) No one

Q12. Which of the following statement is true about G?
(a) G lives on an even numbered flat
(b) A is the immediate neighbour of G
(c) G lives on a floor on which one flat is vacant
(d) None is true
(e) G and D lives on the same floor

Q13. Which of the following lives on the ground floor?
(a) G
(b) I
(c) B
(d) C
(e) Both (a) & (c)
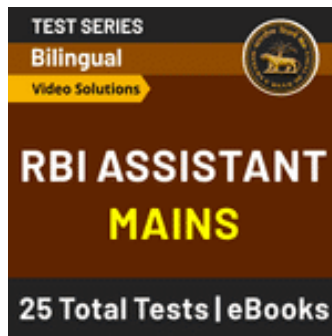
Q14. Which of the following does not belong to a certain group?
(a) J
(b) A
(c) B
(d) H
(e) E

Q15. The revenue of Company A has been decreasing from past one year while the prices of the products offered by the company have also decreased from past six months.
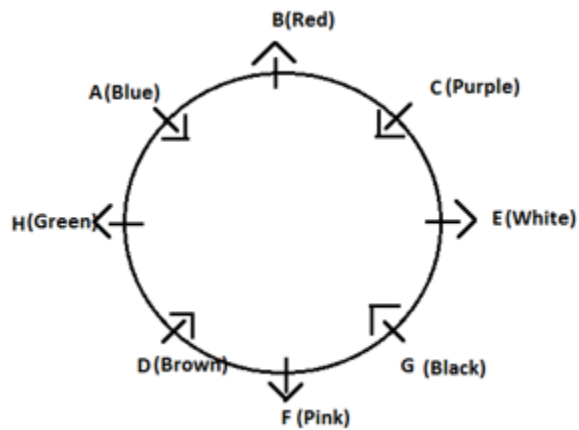Which of the following cannot be the reason of downfall of the revenue of Company A?
(a) Company B is offering same product at much lower prices than Company A.
(b) The quality of the products of Company A is not upto a desirable level.
(c) The demand of the product offered by Company A has been decreasing due to the usage of an old technology in it.
(d) There is an abrupt rise in the availability of the product offered by Company A but the demand has not changed accordingly.
(e) Chinese companies offered better and cheap products than Indian Companies.

Solutions

Solutions (1-5):
Sol.

S1. Ans (a)
S2. Ans (b)
S3. Ans (c)
S4. Ans (d)
S5. Ans (e)

Solutions (6-10):
S6. Ans. (e)
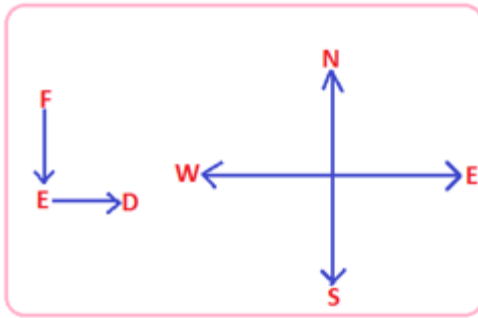Sol. From I: P > Q, but T is not the tallest.
     From II: R > P, but S is not the tallest.
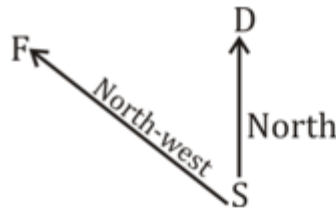   From I and II: R > P > Q. Neither S nor T can be the tallest. Hence R is the tallest.
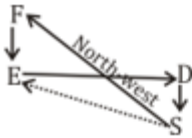
S7. Ans. (e)

From I:

From II:

From I and II:

Point E is to the north-west of Point S.

Sol.

S8. Ans.(b)
Sol. From I: Possible months: January, February, March, April, May or June.
    From II: Raman's son correctly remembers that his father went on vacation after 31st March but before 1st May.
So his father went on vacation in the month of April.
Hence only II is sufficient.

S9. Ans.(c)
Sol. From I: The possible day of exam is Wednesday.
    From II: The third day of the week is Wednesday.
Hence, either statement I alone or statement II alone is sufficient.

S10. Ans.(d)
Sol. From I: Two-digit marks is less than or equal to 20.
Possible marks: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 and 20.
From II: Sujit scored more than 9 marks.
Possible marks: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 and 20.
Hence, statement I and II together are not sufficient.

Solutions (11-14):
Sol.

Floor \\ Flat	FLAT1	FLAT2	FLAT3
4	F	-------	E
3	J	A	G
2	I	-------	C
1	B	D	H

S11. Ans.(e)
S12. Ans.(b)
S13. Ans.(c)
S14. Ans.(b)

S15. Ans. (e)
Sol. As all options other than (e) can be the reason of the downfall of the revenue of a company but option (e) cannot be a reason as nothing regarding the Chinese/Indian companies have been stated in the given statement and is not related with the downfall of revenue of company A.

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