Quiz Date: 7th October 2020

Directions (1-5): Study the following information carefully to answer the given questions:
There are six employees P, Q, R, S, T, U of a company and all of them are working on six different designation of a company viz. CMD, MD, CEO, COO, SE, JE. All the designations given are to be considered in a given order (as CMD is considered as Senior-most and JE is considered as the Junior-most). Only two persons are senior than P. The one who is junior than only one person likes Hero. The one who likes Ktm is senior than Q. U likes Bmw and is junior than Q. Q does not like Hero. R is senior to the one who likes Tvs. The one who likes Tvs is not JE. The one who is JE neither likes Honda nor Bajaj. S does not like Hero and also is not SE. T does not like Tvs and junior than R but senior than U. S is junior than the one who likes Honda. R is not junior than the one who likes Bajaj. The one who likes Tvs is just junior than S. P does not like Honda. The one who likes Bajaj is senior than the one who likes Ktm.

Q1. Who among the following likes Bajaj bike?
(a) T
(b) R
(c) P
(d) Q
(e) S

Q2. The one who is CMD like which among the following bike?
(a) Ktm
(b) Bajaj
(c) Honda
(d) Hero
(e) None of these

Q3. How many persons are junior than Q?
(a) One
(b) Two
(c) Three
(d) More than three
(e) None of these

Q4. Who among the following is just junior than P?
(a) T
(b) R
(c) Q
(d) S
(e) None of these

Q5. Who among the following is JE of the company?
(a) T
(b) P

(c) Q
(d) S
(e) U

Directions (6–10): Each of the 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.
Give answer
(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 either in statement I alone or in statement II alone are sufficient to answer the question
(d) If the data in both statements I and II together are not sufficient to answer the question
(e) If the data in both statements I and II together are necessary to answer the question

Q6. How is P related to Mr X?
I. P is the grandson of X's father.
II. X has no sisters but has several friends and each of his friends is the only son in his respective family.

Q7. In which direction was the tourist train XYZ running?
I. A person P sitting in the train saw that his image fell exactly on his right but the image of his brother Q sitting opposite him fells on his left.
II. The train was not moving towards South.

Q8. How many children are there between Harish and Adarsh in a row of children?
I. Harish is fifteenth from the left in the row.
II. Adarsh is exactly in the middle and there are ten children towards his right.

Q9. In which year was P born?
I. P at present is 25 years younger to his mother.
II. P's brother, who was born in 1964, is 35 years younger to his mother.

Q10. How many matches did India win in a series of ten matches against Australia?
I. When the fifth match was being played India had won all the previous matches.
II. Only one of the matches ended in a draw but the result of the matches played immediate before and immediate after the match drawn were in India's favour whereas all the matches played after the seventh match were in India's favour.

Directions (11-13): Study the following information carefully and answer the questions given below.
P%Q (5)- P is 7m in south of Q
P#Q (4)- P is 6m in west of Q
P&Q (2)- P is 4m in north of Q

P@Q (8)- P is 10m in east of Q

Q@U(13), T&C(8), W%Q(14), T&J(10), J@W(6), C@G(9)

Q11. What is the direction and shortest distance of point G with respect to point U?
(a) 25m, South-west
(b) $\sqrt{340}$m, South-east
(c) 18m, South-East
(d) 16m, North
(e) None of these

Q12. What is the direction of point Q with respect to point C?
(a) North-west
(b) South-east
(c) North
(d) South
(e) None of these

Q13. If Point S is 13m West of point G then What is the direction of S with respect to U?
(a) South
(b) North
(c) North east
(d) East
(e) None of these

Directions (14-15): Each of these questions is based on the following information:
(i) A & B means A is 6m west of B.
(ii) A % B means A is 4m South of B.
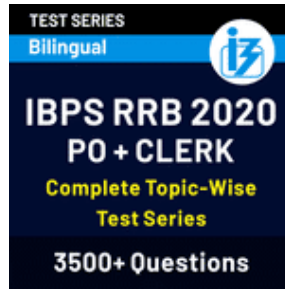(iii) A * B means A is 7m North of B.
(iv) A @ B means A is 4m East of B.

Q14. If the expression 'Q&R*T%U@B@D' is true, what is the Shortest distance between D and Q?
(a) 5m
(b) 7m
(c) 4m
(d) 6m
(e) None of these

Q15. If the expression 'W@S&J%K&U*M@C' is true, what is the direction of J with respect to M?
(a) West
(b) North
(c) North West
(d) South

(e) None of these

Solutions

Solutions (1-5):
Sol.

Designations	Persons	Bikes
CMD	R	Honda
MD	T	Hero
CEO	P	Bajaj
COO	S	Ktm
SE	Q	Tvs
JE	U	Bmw

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

Solutions (6-10):
S6. Ans. (d)
Sol. From I: We get P is either nephew or son of Mr. X so we can't say the exactly relation between P and X.
 From II: The information does not give the clue to reach answer.
So both I and II is not sufficient to answer the question.
S7. Ans. (d)
Sol. We do not have any information about the position of sun and also the position of the person gives no clue about the direction of moving train.
S8. Ans. (e)
Sol. Using both the statement together, number of children can be found out
S9. Ans. (e)
Sol. From both I and II we get that P is (35-25) = 10 years older than his brother,
    Who was born in 1964, So, P was born in 1954.
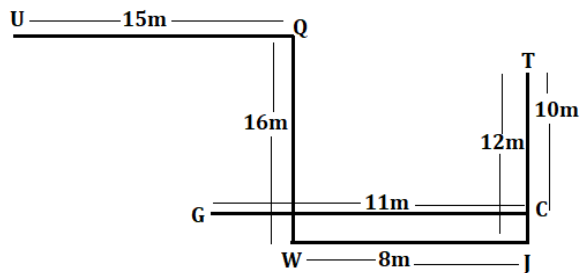S10. Ans. (d)
Sol. From I: We get that India won the matches first, second, third and fourth.
From II: We get that the India won the matches eighth, ninth and tenth.

But these two statements even together do not tell about the result of the matches fifth, sixth and seventh.
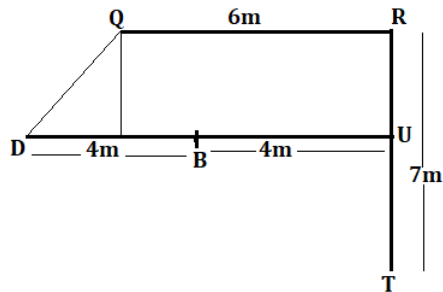
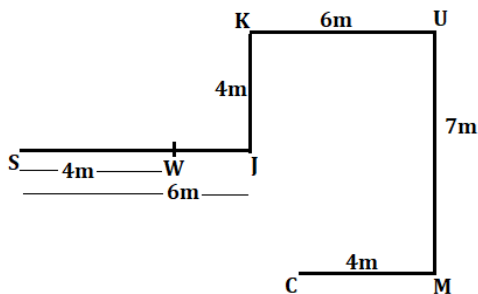Solutions (11-13):
Sol.

S11.Ans (b)
S12.Ans (a)
S13.Ans (e)

Solutions (14-15):
S14.Ans (e)

S15.Ans(c)