

Type - 1

A question followed by two/three statement. Identify which statement is sufficient/necessary to answer the question.

1. You are given a question and four statements, decide which statement is sufficient to answer the question.

There are 10 balls of different sizes and colors, green, yellow, blue, red and pink. Balls of same color are same in size. Can you find the sequence of largest to smallest Balls.

Statement :

- 1) 3 red balls are larger than 2 green balls.
 - 2) There are 2 pink balls which are smallest.
 - 3) Two blue balls are largest.
 - 4) Green is larger than yellow.
- (a) All statements together are sufficient.
 (b) Statements 1, 3 and 4 are sufficient to find the answer.
 (c) Statement 1, 2 and 4 are sufficient to find the answer.
 (d) Statement 1, 4 and 2 are sufficient to find the answer.

RRB Group-D – 24/09/2018 (Shift-II)

Ans : (a) According to question, total number of balls = 10
 According to statement-

- (1) 3 red balls > 2 green balls
 - (2) 2 pink balls are the smallest (> 2 pink)
 - (3) 2 blue balls are the largest (< 2 blue)
 - (4) green > yellow
- which means 2 blue > 3 red > 2 green > yellow > 2 pink. Total balls = 2 blue + 3 red + 2 green + 1 yellow + 2 pink and the combination = blue > red > green > yellow > pink
 So it is clear that all the statements together are sufficient to answer the question.

2. Question :

J, K, N and O are standing in a row. If we stand them in order to highest to lowest. Then which one of them will stand at first place?

Statement :

1. J is higher than K.
 2. N is smallest of all.
 3. K is higher than O.
- (a) Statement 1 and 2 are sufficient
 (b) Statement 1 and 3 are sufficient
 (c) Statement 1, 2 and 3 together are sufficient
 (d) Given statement are not sufficient

RRB Group-D – 15/10/2018 (Shift-I)

Ans : (c) Statement-

- (i) $J > K$
 - (ii) N is smallest of all
 - (iii) $K > O$
- Therefore, $J > K > O > N$
 Hence J is highest

Hence for answering question statement 1, 2 and 3 all are sufficient to given.

- 3.

Question :

Who is smallest in age among A, B, C and D?

Statements :

1. A is greater than D and B

2. C is greater than A

- (a) Both statement are not sufficient
- (b) Only statement 2 is sufficient
- (c) Both statement together are sufficient
- (d) Only statement 1 is sufficient

RRB Paramedical 20.07.2019 Shift : I

Ans : (a) Given that

$A > D$, $A > B$ and $C > A$

but information is insufficient related to D and B. Hence both the statements are not sufficient to answer the question.

- 4.

Question:

Which is the lightest box among B_1 , B_2 and B_3 .

Statement :-

1. There is packed food in B_1 .

2. The weight of B_3 is one fourth of all other boxes added together.

- (a) Both statement 1 and 2 are sufficient.
- (b) Only statement 2 is sufficient
- (c) Only statement 1 is sufficient
- (d) Both statement 1 and 2 are not sufficient.

RRB Group-D – 30/10/2018 (Shift-II)

Ans : (d) Statement 1 there is food packed in B_1

$$\text{statement 2 } (B_1 + B_2) \times \frac{1}{4} = B_3$$

$$B_1 + B_2 = 4B_3$$

Hence statement 1 and 2 are not sufficient to answer.

- 5.

Question:

A boy has five used crayons. He is trying to arranged them in order from shortest to longest which crayon is longest among them.

Statement :-

1. L is longest from G and D.

2. B is longer than L.

3. X is shorter than G.

- (a) Only statement 1 is sufficient
- (b) Statement 1, 2 and 3 together are sufficient
- (c) None of the statements 1 or 2 is sufficient

(d) Statement 2 is sufficient.

RRB Group-D – 30/10/2018 (Shift-II)

Ans : (b) Statement 1 $L > G$ and D ----- (I)
2. $B > L$ ----- (II)
3. $X < G$ ----- (III)

on writing statement (I), (II) and (III) together.

$$B > L > G > X$$

Hence B will be the longest Crayon, therefore 3 statements together are sufficient to answer the question.

6. **Question:**

Which rod is longest among T_1 , T_2 and T_3 .

Statement:

1. T_2 is longer than T_1 and T_3 .

2. T_2 is an iron rod.

- (a) Only statement 1 is sufficient
(b) Both statement 1 and 2 are not sufficient
(c) Both statement 1 and 2 are sufficient
(d) Only statement 2 is sufficient

RRB Group-D – 31/10/2018 (Shift-II)

Ans : (a) – From statement 1

$$T_2 > T_1$$

$$T_2 > T_3$$

Hence only statement (1) is sufficient to answer the question, which show that T_2 is the longest rod.

7. **Question:-**

M, A, N and K are standing in a row. On the basis of following information, we arranged them from smallest to largest, then who stands at end.

Statement:

1. A is smaller than K.

2. M is smaller than A.

- (a) Both statement 1 and 2 are not sufficient
(b) Both statement 1 and 2 are sufficient
(c) Statement 1 alone is sufficient
(d) Statement 2 alone is sufficient

RRB Paramedical 20.07.2019 Shift : II

Ans : (a)

$$I - K > A$$

$$II - A > M$$

$$\text{Thus, } M < A < K$$

Hence, both statements 1 and 2 are not sufficient to answer the question

8. **Question:**

Which of the lightest bags among A, B, C and D.

Statement :

I. B is higher than A.

II. A is lighter than C and D.

- (a) Both statement I and II are necessary.
(b) Statement I and II are not sufficient to solve
(c) Only statement II is sufficient
(d) Only statement I is sufficient

RRB Group-D – 27/09/2018 (Shift-I)

Ans. (a) Statement (i) $B > A$, (ii) $C > A$, $D > A$

Therefore A is the lightest. Hence both statement (I) and (II) are sufficient to answer the question.

9.

Question:

E, F, G, H and I are standing in a row. According the information given in statement, if we arranged them from smallest to tallest, then findout who stands at second place.

Statement:

1. G is tallest.

2. E is taller than F.

3. H is smallest.

4. F is taller than I.

- (a) Statements 1, 2, 3 together are sufficient
(b) Statement 1 and 2 are sufficient
(c) Statement 1, 2, 3 and 4 together are sufficient
(d) All statement are not sufficient

RRB Group-D – 09/10/2018 (Shift-I)

Ans. (c) : From statement 1

G is the tallest

from statement 2

$$E > F$$

from statement 3

H is the shortest

from statement 4

$$F > I$$

$$\text{Therefore, } H < I < F < E < G$$

It is clear that I stands on second position

Hence statement 1, 2, 3 and 4 all together are sufficient to answer the question.

10. **Question:**

X is longer than Y and Z is shorter than W in height whose height is lowest.

Statement:

1. Z is shorter than X in height.

2. W is shorter than Y in height.

- (a) Only statement 2 is sufficient while statements one is not sufficient.
(b) Only statement 1 is sufficient while statement 2 is not sufficient.
(c) Either statement 1 or 2 are sufficient only.
(d) Both statement 1 and 2 are sufficient.

RRB Group-D – 09/10/2018 (Shift-I)

Ans. (a) : According to the question,

$$Y < X \text{ -----(i)}$$

$$Z < W \text{ -----(ii)}$$

from statement 1

$$x > z \left. \vphantom{x > z} \right\}$$

$$x > y \left. \vphantom{x > y} \right\}$$

$$w > z \left. \vphantom{w > z} \right\}$$

this will not lead to any conclusion

from statement 2

$$y > w \text{ -----(iii)}$$

adding equation (i), (ii) and (iii)

$$x > y > w > z$$

It is clear that the height of Z is the shortest

so statement 2 alone is sufficient to answer the question.

11. **Question:**
Bina is older than Mina and Swati is younger than Kavi. Who is younger among them.

Statement:

I. Swati is younger than Bina.

II. Kavi is younger than Mina.

- (a) Data of either I or II alone is sufficient.
 (b) Data of statement I alone is sufficient.
 (c) Data of statement II alone is sufficient.
 (d) Data of both statement I and II together are sufficient.

RPF Constable 25.01.2019 Shift : I

Ans : (c) From question,
 Beena > Meena ---- (i)
 Kavi > Swati ---- (ii)
 from statement (i)
 Swati < Beena
 there is no conclusion from statement (i)
 again from statement (ii)
 Meena > Kavi ----- (iii)
 adding (i), (ii) and (iii)
 Beena > Meena > Kavi > Swati
 Swati is shortest in height
 So statement (ii) is sufficient to answer the question.

12. **Question:**
M, O, P and Q are standing in a row. Who stand last in the row?

1. M is at the counter talking with employees.

2. O and P stand between M and Q.

- (a) Both statement 1 and 2 is sufficient.
 (b) Both statement 1 and 2 is not sufficient.
 (c) Only statement 2 is sufficient.
 (d) Only statement 1 is sufficient.

RPF SI 19.12.2018 Shift : III

Ans : (a) Interpretation of the statements according to the question in the form of a figure

$$\begin{array}{cccc} | & | & | & | \\ \hline M & O & P & Q \end{array}$$

Hence from both statements it is clear that Q is standing at the end of the row.
 So, both statements (1) and (ii) are sufficient.

13. **Question:**
X, Y, T, U and V arranged in descending order according to his weight then who will stand in second place from the beginning?

Statement:

1. Weight of X is less than T and U. Weight of U is twice of T.

2. Weight of Y and V is less than X.

- (a) Both statement 1 and 2 is sufficient.
 (b) Only statement 1 is sufficient.
 (c) Only statement 2 is sufficient.
 (d) Both statement 1 and 2 are insufficient.

RRB Group-D – 24/10/2018 (Shift-I)

Ans : (a) The weight of X is less than T and U and the weight of U is twice as compared to T
 from statement 1
 $T, U > X$

weight of U is twice of T

$U > T > X$ (1)

from statement 2

$X > Y, V$ (2)

(1) and (2) together in descending order-

$U > T > X > Y, V$

when weight are arranged in descending order from the beginning, T will come in second place so both statement 1 and 2 are sufficient.

14. **Question:**
Four boys A, B, C and D live in a colony. Who is heaviest among them?

Statement:

1. A is heavier than C and D.

2. D is lightest among them.

3. B is heavier than A.

- (a) Only statement 2 is sufficient.
 (b) Neither statement 1 nor statement 2 is sufficient.
 (c) Only statement 1 is sufficient.
 (d) Statement 1, 2 and 3 together are sufficient.

RRB Group-D – 24/10/2018 (Shift-II)

Ans. (d) : According to statement
 $A > C, A > D, B > A$
 $\therefore D$ is the lightest
 $\therefore D < C$
 on keeping in an order-
 $B > A > C > D$
 Hence, B is heaviest of all and for finding it statement 1, 2 and 3 altogether are sufficient.

15. **Question:**
A, C, F, G and I are standing in descending order according to their height who stands in the middle?

Statement:

1. A is the tallest and C stands besides A.

2. I is the smallest and F stands next to I.

- (a) Only statement 2 is sufficient.
 (b) Both statement are not sufficient.
 (c) Both statement together are sufficient.
 (d) Only statement 1 is sufficient.

RRB Group-D – 26/10/2018 (Shift-III)

Ans : (c) According to both the statements given A, C, F, G and I can be stacked in descending order, in order of their height.
 $[A > C > \boxed{G} > F > I]$ so, it is clear that G is standing in the middle.
 Thus, both statements together are sufficient.

16. **Question:**
T, Y, R, V and S are standing in ascending order according to their weight. Who stand in the middle?

Statement:

1. T is heavier than Y and V is lighter than Y.

2. S is heavier than R and R is heavier than T.

- (a) Only statement 2 is sufficient.
 (b) Both statement 1 and 2 are insufficient.

- (c) Both statement 1 and 2 are sufficient.
 (d) Only statement 1 is sufficient.

RRB Group-D – 30/10/2018 (Shift-III)

Ans. (c) : From statement (1)
 $T > Y > V$
 from statement (2)
 $S > R > T$
 on including both statements
 $S > R > T > Y > V$
 clearly, T is standing in the middle
 Hence, statements 1 and 2 both are sufficient to answer the question.

17. Question:

Purnima is younger than Vernika and Rubini is older than Priya. Who is oldest among them?

Statement:

- I. Rubini is older than Purnima.**
II. Varnika is older than Rubini.
III. Priya is youngest among them.

- (a) I, II and III all are sufficient.
 (b) Only II is sufficient.
 (c) Only I and II are sufficient.
 (d) Only I is sufficient.

RRB Group 'D' 07/12/2018 (Shift-I)

Ans : (b) From statement (II)
 Varnika > Rubini
 Hence according to question
 Varnika > Rubini
 The oldest would be Varnika
 Hence, statement II alone is sufficient to answer the question.

18. Question:

Who stands in the middle among Z, R and S?

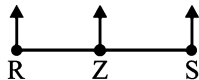
Statement :

- 1. Z stands to the right of R.**
2. Z stands to the left of S.

- (a) Only statement 1 is sufficient.
 (b) Both statement 1 and 2 are sufficient.
 (c) Only statement 2 is sufficient.
 (d) Both statement 1 and 2 are insufficient.

RRB Group-D – 03/12/2018 (Shift-II)

Ans : (b) On sketching the figure according to the both statements



Hence statement (I) and (II) both are sufficient to answer the question and it is clear from figure that Z is standing in the middle.

19. Question:

D, C and L are standing in a row. Who stands in the middle?

Statement:

- 1. D stands to the right of C.**
2. C stands to the right of L.

- (a) Only statement 2 is sufficient.
 (b) Both statement 1 and 2 are sufficient.

- (c) Both statement 1 and 2 are insufficient.
 (d) Only statement 1 is sufficient.

RPF Constable 25.01.2019 Shift : II

Ans : (b) $L \rightarrow C \rightarrow D$
 \leftarrow left \rightarrow right
 \therefore C is standing b/w the L and D
 \therefore both statement 1 and 2 are sufficient to answer the question.

20. Question:

L, O, P and Q are standing in a circle. Who stands to the Right of P.

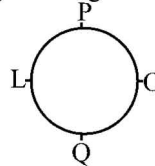
Statement:-

- 1. P is the smallest.**
2. L stands to the left of Q and O stands to the Right of Q.

- (a) Both statement 1 and 2 together are sufficient.
 (b) Both statement 1 and 2 together are insufficient.
 (c) Only statement 2 is sufficient.
 (d) Only statement 1 is sufficient.

RRB Group-D – 27/11/2018 (Shift-I)

Ans. (c) : Sitting arrangement is as follows-



It is clear from the figure that L is to the right of P. Hence only statement 2 is sufficient to answer the question.

Note:- everyone is facing towards the centre.

21. Question:

P, Z and A are football's team. They arranged in descending order according to their gained average goal. Then who is at second place from beginning?

Statement:

- 1. A scored more goal than P and Z.**
2. Z score more goals than P.

- (a) Both statement 1 and 2 are insufficient.
 (b) Only statement 1 is sufficient.
 (c) Both statement 1 and 2 are sufficient.
 (d) Only statement 2 is sufficient.

RPF SI 19.12.2018 Shift : I

Ans : (c) statement-
 (1) $A > P$ and Z
 (2) $Z > P$, on including
 $A > Z > P$
 Therefore, Z is at second place from beginning.
 Hence statement 1 and 2 both are sufficient.

22. Question:

O, R and X are standing in a line. Who is in the middle?

Statement:

- 1. O stands to left of R.**
2. O wears red t-shirt.

- (a) Both statement 1 and 2 are insufficient.
- (b) Both statement 1 and 2 are sufficient.
- (c) only statement 1 is sufficient.
- (d) Only statement 2 is sufficient.

RRB Group-D – 15/11/2018 (Shift-I)

Ans : (a) Statement 1 and 2 both are insufficient to answer the question.

23. Question:

J, K, L, M and N are standing in a row. Who is in the middle.

Statement:

1. M stands at counter and N stands at furthest in the end.

2. K stands after M and N stands after L.

- (a) Both statements 1 and 2 are insufficient.
- (b) Only statement 1 is sufficient.
- (c) Both statement 1 and 2 are sufficient.
- (d) Only statement 2 is sufficient.

RRB Group-D – 15/11/2018 (Shift-III)

Ans : (c) On comprising statement 1 and 2 their order of standing them queue is as follows.

M → K → J → L → N

it is clear that J is standing in b/w

Hence statement 1 and 2 both are sufficient to answer the question.

24. Question:

Whose weight is lightest among P, Q, R and S?

Statement:

1. Weight of R is less than P.

2. Weight of R is less than Q and S.

- (a) Only statement 1 is sufficient.
- (b) Only statement 2 is sufficient.
- (c) Both statement 1 and 2 are insufficient.
- (d) Both statement 1 and 2 are sufficient.

RRB Group-D – 12/11/2018 (Shift-III)

Ans : (d) $P > R$

$Q > R$

$S > R$

It is clear that weight of R is minimum. Hence statement 1 and 2 both are sufficient to answer the question.

25. Question:

Which bag is heaviest among M, N, O and Q?

Statement:

1. M is the lightest.

2. The weight of Q is three time the weight of both N and O.

- (a) Only statement 1 is sufficient.
- (b) Both statement 1 and 2 are insufficient.
- (c) Both statement 1 and 2 together are sufficient.
- (d) Only statement 2 is sufficient.

RPF Constable 25.01.2019 Shift : III

Ans. (c) From statement 1 and 2

$Q > N = O > M$

It is clear that, statement 1 and 2 both are jointly sufficient to answer the question.

26. Question :

P, Q, W, V and S are standing in descending order according to their weight in a row. Who is in the middle?

Statement:

1. P is heavier than S and V is lighter than S.

2. Q is heavier than P and W is lighter than V.

- (a) Only statement 2 is sufficient.
- (b) Both statement 1 and 2 are insufficient.
- (c) Only statement 1 is sufficient.
- (d) Both statement 1 and 2 are sufficient.

RRB Group-D – 02/11/2018 (Shift-II)

Ans. (d) statement-1

$P > S > V$

statement-2

$Q > P, W < V$

from statement 1 and statement 2

$Q > P > S > V > W$

Hence, both statement I and II are sufficient to answer.

27. Question:

Who is shortest among P, Q, R, S and T?

Statement:

I. P is taller than T but shorter than S.

II. Q is shorter than R but taller than T.

III. S is taller than R and P is taller than Q.

Choose the correct option from the followings.

- (a) Only statement I is sufficient.
- (b) Only statement III is sufficient.
- (c) Statement II and either statement I or III is sufficient.
- (d) Both statement I and III are sufficient.

RPF SI 24.12.2018 Shift : I

Ans. (c) : $S > P > T$ (I)

$R > Q > T$ (II)

$S > R$ (III)

$P > Q$ (IV)

Hence option C is true.

28. Question:

A, B, C, D and E are sitting in a Circle and facing toward each other. What about E's position.

Statement:

I. The person sitting to the left of B and to the right of A is same.

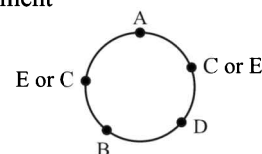
II. D is sitting to the right of B.

III. A is sitting between E and C.

- (a) Only statement I and II are sufficient.
- (b) Only statement I and III are sufficient.
- (c) Only statement III is sufficient.
- (d) Data are insufficient.

RRB NTPC 09.04.2016 Shift : 3

Ans. (d) : According to the given statement:- seating arrangement



∴ position of E and C is not being determined, Hence data are insufficient to answer the question.

29. **Question:**
Gautam is at eighteen place in a class. From the end what is his rank?
Statement:
I. There are 47 students in the class.
II. Jegan who is 10th place in the same class. He is at 38th place from the end.
- Statement 1 alone is sufficient.
 - Both statement are needed simultaneously.
 - Statement 2 alone is sufficient.
 - Either statement 1 or II is sufficient.

RRB NTPC 17.01.2017 Shift-1

Ans. (d) :

- I. There are 47 students in a class. Gautam is ranked 18th in the same class. So Gautam's place from the end = $47 - 17 = 30$ th.
II. Jegan who is 10th in the same class is 38th from the end. If Gautam is in the 18th position in the same class, then from the end, his rank (place) = $(38 + 10) - 18 = 30$ th place/rank
Hence either statement I or statement II is sufficient.

30. **Who among P, Q, R, S and T is lightest in weight?**
Statements:
1. Q's weight is less than P's and S's and S's weight is more than T's.
2. R's weight is more than Q's but less than T's.
- Statement 2 alone is sufficient while statement 1 alone is insufficient.
 - Both statement 1 and 2 are sufficient.
 - Neither statement 1 nor 2 is sufficient.
 - Statement 1 alone is sufficient while statement 2 alone is insufficient.

RRB ALP & Tec. (09-08-18 Shift-II)

Ans : (b) From statement 1 and 2

$$P, S > T > R > Q$$

hence weight of Q is lightest
hence it is clear both statements are required to obtain answer.

31. **What is the total number of students in the class?**
Statements
1. Mr. X's rank was 15th from the top in the class.
2. Mr. X's rank was 26th from the bottom in the class.
- Both 1 and 2 together are sufficient to answer the question
 - 2 alone is sufficient while 1 alone is not sufficient to answer the question
 - 1 alone is sufficient while 2 alone is not sufficient to answer the question
 - Either 1 or 2 is sufficient to answer the question.

RRB ALP & Tec. (21-08-18 Shift-I)

Ans : (a) From statement 1 and statement 2
total number of students in class = $(15+26)-1$
= $41-1 = 40$

Hence to answer the question statement 1 and 2 both are sufficient together.

32. **Question:-**
Who is tallest among the five friends?
Statement:
I. Dipa is taller as compare to Vina and Chitra.
II. Pranvi is shorter than Abi but taller than Dipa?
- Only data of statement I or II is sufficient.
 - Only data of statement II is sufficient.
 - Only data of statement I is sufficient.
 - Data of both statement I and II together are necessary.

RPF SI 05.01.2019 Shift : I

Ans : (d)

Statement I → Deepa > Veena, Chitra

Statement II → Aabi > Pranvi > Deepa

On combining both the statements-

Aabi > Pranvi > Deepa > Veena, Chitra

It is clear that 'Aabi' is tallest in height

Hence to answer the question, data of statement I and II both are required jointly.

33. **Question :**
L, J, K and N are standing in ascending order according to their height. Who stands in last?
Statement:
1. L is taller than K and N.
2. J is taller than L.
- Only statement I is sufficient.
 - Only statement II is sufficient.
 - Both statements are sufficient.
 - Both statements are not sufficient.

RRB Group-D – 23/10/2018 (Shift-I)

Ans. (c) : On arranging L, J, K and N in order of their heights (in ascending order)

$$K \text{ and } N < L < J$$

It is clear that either K or N is in the beginning and J stands in the last.

Hence both the statements are sufficient to answer the question.

34. **Question :**
Whose bag is lightest among Q, R and S.
Statement:
I. Q is heavier than R and S.
II. S is heavier than R.
- Both statement I and II are sufficient.
 - Only statement II is sufficient.
 - Only statement I is sufficient.
 - Both statement I and II are not sufficient.

RPF Constable 25.01.2019 Shift : II

Ans. (a)

I- $Q > R$

$Q > S$

II- $S > R$

form statement I and statement II

$Q > S > R$

Bag R is lightest hence statement I and II both are sufficient to answer the question.

Type - 1

A question followed by two/three statement. Identify which statement is sufficient/necessary to answer the question.

35. **Question:-**
What is the total weight of 20 vegetable boxes. If each box has same weight.

Statement:-

1. In first 10 box, One-third weight of each box is 10 kg.
 2. Total weight of 6 box is 40 kg more than total weight of 4 box.
- (a) Both statements 1 and 2 are not sufficient
(b) Both statements 1 and 2 are sufficient
(c) Statement 1 alone is sufficient
(d) Statement 2 alone is sufficient

RRB Group-D – 17/09/2018 (Shift-I)

Ans : (b) From statement I, weight of first 10 boxes=

$$\text{weight of each box} \times \frac{1}{3} = 10 \text{ kg}$$

$$\text{weight of each box} = 30 \text{ kg}$$

$$\text{Hence total weight of 20 boxes} = 30 \times 20 = 600 \text{ kg}$$

$$\text{from statement 2}$$

$$\text{weight of 6 boxes} = \text{weight of 4 boxes} + 40$$

$$\text{weight of 2 boxes} = 40$$

$$\text{weight of 1 box} = 20$$

$$\text{total weight of last 20 boxes} = 20 \times 20 = 400 \text{ kg}$$

$$\text{hence total weight of 20 boxes} = 300 + 200 = 500 \text{ kg}$$

hence to answer both the statements will be required.

36. **What is the total number of balls in the bag?**

Statement:

- (1) There are 6 blue, 7 red and 8 orange ball in the bag.
 - (2) The color of bag is green.
- (a) Only 2 is appropriate
(b) Either 1 or 2 is appropriate
(c) Only 1 is appropriate
(d) Both 1 and 2 are not appropriate

RRB Group-D – 20/09/2018 (Shift-II)

Ans : (c) According to question only from statement I we can determine the number (6+7+8=21) of balls. Hence only statement I is suitable to give answer

37. **Question:**

Find the average size of balls?

Statement:

- 1) Radius of 6 balls is 3cm, 4cm, 7cm, 5cm, 6cm and 4cm respectively.
 - 2) The color of the balls is red.
- (a) Either statement 1 or 2 is sufficient
(b) Only statement 2 is sufficient
(c) Both statement 1 and 2 are sufficient
(d) Only statement 1 is sufficient

RRB Group-D – 23/09/2018 (Shift-I)

Ans : (d) In statement (1), the radius of 6 balls is given, so that taking the volumes of all and adding all and dividing by 6 will give the average size of balls and in statement (2) there is mention of red colored balls which is not required to answer the question. Therefore it is clear that only statement (1) is sufficient to answer the question.

38. **Sunita has chosen four items. How many bags will she has to buy from the counter to carry the things at home.**

Statement:-

1. Each bag can carry 2 kg of luggage.
 2. Sunita has bought 2 kg rice.
 3. Sunita has also bought 500g Arhar dal, 500g Moong dal and 750g Urad dal.
- (a) Statements 1, 2 and 3 all together are sufficient
(b) All statement are insufficient
(c) Both statements 2 and 3 together are sufficient
(d) Only statement 2 is sufficient

RRB Group-D – 24/09/2018 (Shift-II)

Ans : (a) ∴ Capacity of each bag = 2 kg

$$\begin{aligned} \therefore \text{Total quantity Arhar dal, Moong dal and Urad dal} \\ = 500\text{g} + 500\text{g} + 750\text{g} = 1750\text{g} \end{aligned}$$

$$\text{Hence total number of required bags} = 1 + 1 = 2$$

$$\text{no of required bag for 2 kg rice} = 1$$

Hence the statement, 1, 2 and 3 all are sufficient together to answer question.

39. **Question:**

In which year Arti was born?

Statement:

- I. Aarti is 6 years older than Pranavi.
 - II. Pranavi's Sister was born in 1982.
 - III. Aarti's sister is 2 years younger than Pranavi's sister who is 8 years younger than Pranavi.
- (a) Statement I, II and III are sufficient
(b) Only statement I is sufficient
(c) Only statement I and III are sufficient
(d) Only statements II and III are sufficient

RRB Group-D – 03/10/2018 (Shift-II)

Ans : (a) From statement II Pranvi's sister was born = 1982

$$\text{From statement III Pranvi was born in} = 1982 - 8$$

$$= 1974$$

$$\text{From statement I, Aarti was born in} = 1974 - 6$$

$$= 1968$$

Hence it is clear statement I, II and III all are sufficient to answer the question.

40. **Question:**

What is Vimla's age?

Statement:

- I. Vimla, Kamla and Sudha all are of the same age.
- II. Total age of Vimla, Kamla and Amala are 32 years and Amala's age is equal to the age of both Vimla and Kamala.

- (a) Only data II is sufficient
- (b) Either statement I or II is sufficient
- (c) Both data I and II together are necessary
- (d) Only data I is sufficient

RPF SI 05.01.2019 Shift : II

Ans : (a) According to statement I
Vimala, Kamla and Sudha all are of the same age
According to statement II
Vimala + Kamla + Amla = 32 years (1)
and Amla = Vimla = Kamla
Hence age of Vimala = $\frac{32}{3}$ years
Hence only statement II is sufficient.

- 41. Question:**
What is Asha's total monthly income?
Statement:
I. Asha's basic income is ₹100 more than her colleague Mala's income.
II. Basic income of Mala is ₹1550 per month.
III. Mala made extra allowance out of his income ₹2000 per month which is ₹50 less than Asha's income.
- (a) Only statement II is sufficient
 - (b) Only statement I is sufficient
 - (c) Only statement I and II are sufficient
 - (d) All statements I, II and III are sufficient

RRB Group-D – 05/10/2018 (Shift-II)

Ans : (d) From I and II
Basic income of Asha = Basic income of Mala + 100
= 1550 + 100 = Rs.1650
from statement III
extra allowance of Mala = Rs. 2000
extra allowance of Asha = 2000 + 50 = Rs. 2050
So total income of Asha = 1650 + 2050 = Rs. 3700
Hence, it is clear that all statements I, II and III are sufficient to answer the question.

- 42. Question:**
Nimi carries five bags of same size and capacity to a grocery store. What is the total weight all bags can carry together?
Statement:
1. Half of the weight of each bag is 1 kg.
2. One bag is of plastic and all other is of cotton.
- (a) Statement 1 and 2 together are not sufficient
 - (b) Either statement 1 or 2 alone is sufficient
 - (c) Statement 1 alone is sufficient
 - (d) Statement 2 alone is sufficient

RRB Group-D – 10/10/2018 (Shift-II)

Ans : (c) Suppose weight of each bag = W kg
According to question
 $\frac{W}{2} = 1\text{kg}$
W = 2kg
Hence it is clear that statement I is alone sufficient to answer the question.

- 43. Question:**
Shailu has 15 boxes of goods of equal weight. What is the total weight of 15 boxes?

Statement:

1. $\frac{1}{3}$ of the weight of the box is 150 g.
 2. There are rice in the box.
- (a) Both statement 1 and 2 are not sufficient
 - (b) Either statement 1 or 2 is not sufficient
 - (c) Only statement 2 is sufficient
 - (d) Only statement 1 is sufficient

RPF Constable 22.01.2019 Shift : I

Ans : (d) From statement I
Suppose weight of each box is X kg
then
 $x \times \frac{1}{3} = 150\text{g.}$
 $x = 450\text{g.}$
Weight of 15 boxes = $450 \times 15 = 6750\text{g}$
Hence statement (I) is sufficient to answer.

- 44. Question:**
Find the seventh number of series? (Arithmetic progression)

Statement:

1. If first number of series is 2.
 2. If common difference in A.P. is 3.
- (a) Statement 1 or statement 2 is sufficient
 - (b) Only statement 1 is sufficient
 - (c) Only statement 2 is sufficient
 - (d) Both statements 1 and 2 are sufficient

RRB Group-D – 16/10/2018 (Shift-III)

Ans : (d) According to the question first term = 2
Common difference = 3
Then A.P. = 2, 5, 8, 11.....
Hence both the statements are sufficient

- 45. Question:**
Find the value of n?

Statement:

- I. If $x^2 - nx + 1 = 0$ $nx + 1 = 0$
 - II. If solution of equation is 'X = 1'
- (a) Either I or II is sufficient
 - (b) Only statement I is sufficient
 - (c) Only statement II is sufficient
 - (d) Both statements I and II are sufficient

RRB Group-D – 16/10/2018 (Shift-III)

Ans : (d)
1. If $x^2 - nx + 1 = 0$
2. $x = 1$
Then
 $1 - n \times 1 + 1 = 0$
 $n = 2$
Hence both the statements are sufficient.

- 46. Question:**
How many students play cricket in the class?

Statement:

- I. There are 32 boys and 28 girls in the class
- II. Only boys play cricket

- (a) Either statement I or statement II is sufficient
- (b) Only statement II is sufficient
- (c) Both statement I and II together are not sufficient
- (d) Only statement I is sufficient

RRB Group-D – 31/10/2018 (Shift-II)

Ans : (c) The statement reveal how many boys are there and how many girls are there. It is also known that only boys play cricket but how many boys play cricket is not known. Hence both the statements together are not sufficient to answer the question.

47. Question:

Manju has 10 cups, Which is filled with equal quantity of rice (Weight in gram). What is the total weight of 10 cups?

Statement:

1. Weight of each half cup is 200 gram.
2. Difference of weight of 4 cup and 2 cups is 800 gram.

- (a) Either statement 1 or 2 sufficient
- (b) Only statement II is sufficient
- (c) Both statement I and II together are not sufficient to solve the question.
- (d) Only statement I is sufficient

RRB Group-D – 19/09/2018 (Shift-III)

Ans. (a) : According to the given question neither statement 1 nor 2 is sufficient.

Because in the given question only number of cups and equal amounts of rice is kept in all the cups here the weight of rice kept in cups is not stated in grams whereby both the statements are not sufficient to conclude the question.

48. Question:

What is the total present age of Anita and Nandu?

Statement:

1. Present age of Nandu is 5 years.
2. Anita is elder to Nandu.

- (a) Only statement 2 is sufficient
- (b) Both statements 1 and 2 together are not sufficient
- (c) Both statements 1 and 2 together are sufficient
- (d) Only statement 1 is sufficient

RRB Group-D – 19/09/2018 (Shift-III)

Ans. (b) : In the given question statement 1 and 2 both together are not sufficient to answer the question. If the present age of Anita would have known then present age of Anita and Nandu could be known.

49. Question:

Find the Value of 'n'?

Statement:-

1. $n^2 - 20n + 100 = 0$
2. $n^2 + x^2 + y^2 + 2 = 2n + 5$

- (a) Only statement 2 is sufficient
- (b) Either statement 1 or statement 2 is sufficient
- (c) Only statement I is sufficient

- (d) Neither statement I nor statement 2 is sufficient

RPF SI 05.01.2019 Shift : III

Ans : (c) Statement

$$(1) n^2 - 20n + 100 = 0$$

$$(n - 10)^2 = 0 \Rightarrow n - 10 = 0 \Rightarrow \boxed{n = 10}$$

From statement 2

$$n^2 + x^2 + y^2 + 2 = 2n + 5$$

Hence it is clear that from statement I value of n can be known but it is not possible to find the value of n from statement II. Hence only statement 1 is sufficient to find the value of n.

50. Question:

Siju has 10 bags of equal weight.

What is the weight of total 10 bags?

Statement:

1. One-third weight of each bags is 8 kg.
2. There are rice in bags.

- (a) Either statement 1 or 2 is sufficient
- (b) Statement 1 and 2 together are not sufficient
- (c) Only statement 1 is sufficient
- (d) Only statement 2 is sufficient

RRB Group-D – 25/09/2018 (Shift-I)

Ans : (c) Suppose weight of each bag = x kg from statement 1

$$\frac{x}{3} = 8 \text{ kg}$$

$$x = 24 \text{ kg}$$

Then total weight of 10 bags = $24 \times 10 = 240$ kg
Hence only statement is sufficient to answer the question.

51. Question:

Lila has 4 pens of 3 different colors. How many blue pen she has?

Statement:

1. Two pen are different colors.
2. Color of two pen are same, which is red.

- (a) Only statement 1 is sufficient
- (b) Both statement 1 and 2 together are not sufficient
- (c) Only statement 2 is sufficient
- (d) Both statement 1 and 2 together are sufficient

RRB Group-D – 25/09/2018 (Shift-I)

Ans : (d) Leena has 4 pens of 3 different colors statement:

1 → 2 Pen is of different colors

2 → 2 Pen is of red colors

Hence Leena has 2 pen red colors 1 pen of blue color and 1 is of any different color hence statement 1 and 2 together is sufficient to answer the question.

52. Question:

Mirdula has four Almirah and 24 books. She wants to organize some books. How many books can be kept in first shelf?

Statement:

1. Double books can be kept in shelf on as compared to shelf two.
2. There can be 12 book kept in shelf four.
3. There can be only 6 books kept in shelf three.

- (a) Only statement 1 is sufficient
- (b) Statement 1, 2 and 3 together are sufficient
- (c) Neither statement 1 nor statement 2 is sufficient
- (d) Only statement 2 is sufficient

RRB Group-D – 25/09/2018 (Shift-III)

Ans : (b) According to question
No. of Wardrobes Mridula has = 4
No. of books Mridula has = 24

Statement 2 ___ no. of books in fourth shelf

			12
--	--	--	----

According to statement 3
No of books in third shelf = 6

		6	12
--	--	---	----

Therefore, statement 1.....
No. of books in self 1 = 2 × No. of book in self 2

4	2	6	12
---	---	---	----

Hence to answer the question all the three statements are sufficient together.

53. Question:

There are 5 crates in a vegetable shop and each has same weight. What is their total weight?

Statement:

1. One fourth weight of the crates is 4 kg
 2. Crates are filled with mango and apple.
- Which statement is sufficient to answer the question.**
- (a) Only statement 2 is sufficient
 - (b) Only statement 1 is sufficient
 - (c) Both statement 1 and 2 are not sufficient
 - (d) Both statement 1 and 2 together are sufficient

RRB Group-D – 25/09/2018 (Shift-II)

Ans : (b) To answer the question statement 1 provides sufficient information.

One-fourth weight of the basket = 4 kg

Weight of basket = 4 × 4 = 16 kg

Hence weight of whole basket will be 80 kg

In this way statement 1 is sufficient.

54. Question:

Nitara has 20 colored Pencil of four different colors. How many black Pencil she has?

Statement:

1. She has 5 red pencil.
 2. She has 4 blue pencil.
 3. Number of green pencil is double to the number of blue pencil
- (a) Only statement 1 is sufficient
 - (b) Only statement 3 is sufficient

(c) Statement 1, 2 and 3 together are sufficient

(d) Both statement 1 and 2 together are not sufficient

RRB Group-D – 25/09/2018 (Shift-III)

Ans. (c) : Nitara has 20 pencils of 4 different colors.

1. Nitara has red coloured pencils = 5

2. Nitara has blue coloured pencils = 4

3. no. of green-coloured pencil = twice of blue coloured pencil = 2×4=8

So, No. of black coloured pencil = 20 – [5+4+8] = 3
Hence statement 1, 2 and 3 all are sufficient together.

55. Question:-

What will be age of 'S' after 3 years from now?

Statement:

1. M's present age is 25 years.

2. S, is 10 years younger than M.

- (a) Only statement 2 is sufficient
- (b) Only statement 1 is sufficient
- (c) Statements 1 and 2 together are sufficient
- (d) Statement 1 and 2 together are not sufficient

RRB Group-D – 26/09/2018 (Shift-II)

Ans. (c) : Present age of M is = 25 years

Present age of S is = 25-10 = 15 years

3 years later, age of S is = 15 + 3 = 18 years

Hence to answer the question statement 1 and 2 both are sufficient together.

56. Question:

What will be sisters total age after 10 years from now?

Statement:

1. Lina's present age is 20 years.

2. Lina's sister age is double of one-fourth age of lina.

- (a) Only statement 2 is sufficient
- (b) Only statement 1 is sufficient
- (c) Both statements 1 and 2 together are not sufficient
- (d) Both statements 1 and 2 are sufficient

RRB Group-D – 27/09/2018 (Shift-I)

Ans. (d) Present age of leena = 20 yrs

according to question age of leena's

sister = $\left(20 \times \frac{1}{4}\right) 2 = 10$ years

10 years from now total age of both the sisters = (20 + 10) + (10 + 10) = 50 years.

Hence statement 1 and 2 both together one sufficient to answer the question.

57. Question:

What is the Mr. X's position in the row of 40 people?

Statement:

1. There is 16 persons next to Mr. X.

2. There is 23 person behind Mr. X.

- (a) Only 2 is sufficient while statement 1 alone is not sufficient
- (b) Only statement 1 is sufficient while statement 2 alone is not sufficient
- (c) Both statement 1 and 2 are sufficient

- (d) Either only statement 1 or only statement 2 is sufficient

RRB Group-D – 05/10/2018 (Shift-I)

Ans. (d) : To answer the given question either statement 1 alone or statement 2 alone is sufficient because in first statement position of x is seventeenth/17th from starting and in statement 2 position of x is 24th from the end.

58. Question:

Find the total sum of 'n' natural numbers.

Statement:

I. $s_n = \frac{n(n+1)}{2}$, where $n = 50$

II. In the given numbers, some are even and some are odd.

- (a) Only statement 1 is sufficient
 (b) Both statements I and II are sufficient
 (c) Only statement II is sufficient
 (d) Either statement I or statement II is sufficient

RPF SI 06.01.2019 Shift : I

Ans : (a) To find the sum of first 'n' natural numbers formula used is $S_n = \frac{n(n+1)}{2}$ is sufficient. Hence only statement (I) is sufficient.

59. Question:

Mahi has 3 shelf and 16 containers and she wants to organize them. How many container can be put in shelf one?

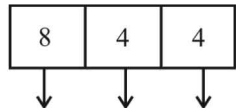
Statement:

1. Shelf 1 can adjust double as compare to shelf 2.
 2. 4 container can be placed on shelf 3.

- (a) Either statement 1 or 2 is sufficient
 (b) Statements 1 and 2 together are necessary
 (c) Only statement 2 is sufficient
 (d) Only statement 1 is sufficient

RRB Group-D – 22/10/2018 (Shift-II)

Ans : (b) No. of shelves = 3
 No. of containers = 16



Shelf-1 Shelf-2 Shelf-3

Hence statement 1 and statement 2 are necessary together to answer the question.

60. Question:

Latika has 25 box of 3 type (Small, Medium, Large) How many large box she has?

Statement:

1. Number of large box is half of the number of medium box.

2. Numbers of small box is 10.

- (a) Both statements 1 and 2 are not sufficient
 (b) Only statement 2 is sufficient
 (c) Both statements 1 and 2 together are sufficient
 (d) Only statement 1 is sufficient

RRB Group-D – 31/10/2018 (Shift-I)

Ans : (c) Number of medium boxes = x

I. number of large boxes = $\frac{x}{2}$

II. number of small boxes = 10

$$x + \frac{x}{2} + 10 = 25$$

$$\frac{3x}{2} = 15$$

$$x = 10$$

$$\text{no of large boxes} = \frac{x}{2} = 5$$

Hence statement 1 and 2 are sufficient together.

61. Question:

Find the value of $(p + q)^2$

Statement

1) If $p - q = 12$

2) If $pq = 4$

- (a) Both statements 1 and 2 are sufficient
 (b) Neither statement 1 nor statement 2 is sufficient
 (c) Only statement 2 is sufficient
 (d) Only statement 1 is sufficient

RRB Group 'D' 07/12/2018 (Shift-I)

Ans : (a) From statement 1

$$p - q = 12$$

from statement 2

$$pq = 4$$

$$(p + q)^2 = (p - q)^2 + 4pq$$

$$= 144 + 16$$

$$(p + q)^2 = 160$$

Hence both statement 1 and 2 are sufficient to answer the question.

62. Question:

What is the value of $|x|$

Statement:

1. $x = -|x|$

2. $x^2 = 4$

- (a) Statement 1 alone is sufficient while 2 alone is not sufficient
 (b) each statement alone is sufficient
 (c) 2 alone is sufficient while 1 alone is not sufficient
 (d) Both 1 and 2 together are sufficient

RRB Group 'D' 07/12/2018 (Shift-I)

Ans : (c) From statement 2

$$x^2 = 4$$

$$x = 2$$

Hence, statement 2 alone is sufficient to answer.

63. Question:

Nilu has 10 pens of Three different colors. Find out how many black pen she has?

Statement:

1. Two pen is red.

2. Number of blue pen is double of number of red pen.

3. All pens are jel pens

- (a) Statements 1 and 2 together are sufficient
- (b) Only statement 3 is sufficient
- (c) Only statement 1 is sufficient
- (d) Statement 1 and 2 together are not sufficient

RRB Group-D – 07/12/2018 (Shift-III)

Ans : (a) Given, there are 10 pens of 3 different colors
 \therefore 2 pens are red means no of red pen is = 2
 No. of blue pens is twice the no of red pens.
 So, no of blue pens = $2 \times 2 = 4$
 No. of black pen = $10 - (4+2) = 4$
 Therefore statement 1 and 2 together are sufficient.

64. Question:

How many pages of crime novel did Katir read on Saturday.

Statement:

I. Katir read last 50 page of book on Sunday morning.

II. The book contains 450 pages of which two-third of pages he had studied before Saturday.

- (a) Information of only statement 1 or only statement II is sufficient
- (b) Information of only statement 1 is sufficient
- (c) Collected information of both statement 1 and 2 are necessary
- (d) Information of statement II is sufficient

RRP Constable 20.01.2019 Shift : I

Ans. (c) : No of pages read by Katir on Sunday = 50

No. of pages read before Saturday = $450 \times \frac{2}{3} = 300$

no of pages read by Katir on Saturday = Total no. of pages – (Before Saturday + no of pages read on Sunday) = $450 - (300 + 50) = 100$ pages.

Hence collected information of both statements 1 and 2 is mandatory to answer the question.

65. Question:

Find the value of X if

Equation:

1) $x : 10 = 10 : 20$

2) $x + b = 20$

- (a) Only 2 is sufficient
- (b) Neither 1 nor 2 is sufficient
- (c) Either 1 or 2 is sufficient
- (d) Only 1 is sufficient

RRB Group-D – 05/12/2018 (Shift-I)

Ans : (d) From statement (1)

$$\frac{x}{10} = \frac{10}{20}$$

$$20x = 10 \times 10$$

$$x = 5$$

Hence to detect the value of x statement 1 is sufficient.

66. Question:

On which date Nivet was born in June?

Statement:

I. Nivet's father remembers that Nivet was born before seventeen but after fifteen.

II. Nivet's mother remembers that Nivet was born before nineteen but after fourteen.

- (a) Data of I alone is sufficient
- (b) Both data I and II together are sufficient
- (c) Data of either I or II alone is sufficient
- (d) Data of II alone is sufficient

RPF SI 06.01.2019 Shift : II

Ans. (a) From statement 1

According to Nivet's father, Nivet was born before 17th but after 15th i.e. on 16 June.

Hence data of statement (1) alone is sufficient to answer the question.

67. Question:

Find the value of 'n' in the following equation?

Statement:

I. $x^2 - 2nx + 64 = 0$

II. A solution for the above equation is 8.

- (a) Only I is sufficient
- (b) Neither I nor II is sufficient
- (c) Only II is sufficient
- (d) Both I and II are sufficient

RRB Group-D – 05/12/2018 (Shift-II)

Ans. (d) From statement (1)

$$x^2 - 2nx + 64 = 0 \dots(i)$$

From statement 2

Solution of statement (1) is 8

$$\therefore (8)^2 - 2n \times 8 + 64 = 0$$

$$64 - 16n + 64 = 0$$

$$16n = 128$$

$$n = 8$$

Hence to find the value of n both Statement (1) and (2) are sufficient.

68. Question:

Find the value of A and B.

Statement:

I. $A = \begin{bmatrix} 1 & 2 \\ 3 & 2 \end{bmatrix}$

II. $B = \begin{bmatrix} 2 & 1 \\ 2 & 2 \end{bmatrix}$

- (a) Both statements I and II are sufficient
- (b) Only statement I is sufficient
- (c) Neither statement I nor II is sufficient
- (d) Only statement II is sufficient

RRB Group-D – 05/12/2018 (Shift-II)

Ans. (a) From statement 1

$$A = 2 \times 1 - 3 \times 2 = -4$$

From statement 2

$$B = 2 \times 2 - 1 \times 2 = 2$$

Hence to find the value of A and B. Both statement 1 and 2 are sufficient.

69. Question.

Find the value of n.

Statement:

1) $n : n^2 :: n^2 : 1000$

2) $n^2 + 2ab + b^2 = 22$

- (a) Neither 1 nor 2 is sufficient
- (b) Either 1 or 2 is sufficient
- (c) Only 2 is sufficient

(d) Only 1 is sufficient

RRB Group-D – 05/12/2018 (Shift-III)

Ans : (d) $n = ?$

From statement (1)

$$\frac{n}{n^2} = \frac{n^2}{1000}$$

$$(n)^3 = (10)^3$$

$$n = 10$$

Hence only statement 1 is sufficient.

70. Question:

Find the value of 7th term in Arithmetic progression

Statement:

1. The first term in the series is 2 and common difference is 5

2. There is only 8 letters in A.P. series.

- (a) Only 1 is sufficient
- (b) Neither 1 nor 2 is sufficient
- (c) Only 2 is sufficient
- (d) Both 1 and 2 are sufficient

RRB Group-D – 04/12/2018 (Shift-III)

Ans. (a)

$$T_7 = a + (n - 1)d$$
$$= a + (7 - 1)d = a + 6d$$

Statement (1) $a = 2$ (first term)

$$d = 5 \quad (\text{Common difference})$$

$$T_7 = 2 + 6 \times 5$$

$$= 2 + 30 = 32$$

Hence statement (1) is sufficient to answer the question.

71. Question:

Find the fifth term in G.P.

Statement:

1) First term in G.P. series is 2

2) Common ratio in series is 2

- (a) Either 1 or 2 is sufficient
- (b) Only 1 is sufficient
- (c) Only 2 is sufficient
- (d) Both 1 and 2 are sufficient

RRB Group-D – 03/12/2018 (Shift-II)

Ans : (d) It is given-

The first term of geometric series, $a = 2$

Proportion = 2

Fifth term $T_5 = ?$

$$T_n = ar^{n-1}$$

$$T_5 = 2 \times 2^{5-1} = 2 \times 2^4 = 2 \times 16 = 32$$

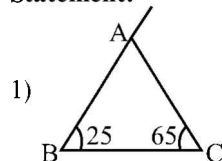
Hence 32 will be the 5th term of the series.

This way statement 1 and 2 both are sufficient to answer the question.

72. Question:

Find angle $\angle BAC$ if

Statement:



2) $0 < A < 90^\circ$

(a) Neither 1 nor 2 is sufficient

(b) Either 1 or 2 is sufficient

(c) Only 2 is sufficient

(d) Only 1 is sufficient

RPF SI 06.01.2019 Shift : III

Ans. (d) : $\because \angle B = 25^\circ$

$$\angle C = 65^\circ$$

$$\angle A = 180^\circ - (25^\circ + 65^\circ)$$

$$= 180^\circ - 90^\circ$$

$$\angle A = 90^\circ$$

To find the angle only statement 1 is sufficient.

73. Question:

Find the slope of line, If:

Statement:

1) $y = 3x + 2$

2) Slope is related to x-axis

- (a) Either 1 or 2 is sufficient
- (b) Only 1 is sufficient
- (c) Neither 1 nor 2 is sufficient
- (d) Only 2 is sufficient

RRB Group-D – 01/12/2018 (Shift-II)

Ans : (b)

From statement 1

On comparing $y = 3x + 2$ with $y = mx + c$ slope of line $= m = 3$

Hence to answer the question only statement 1 is sufficient.

74. Question:

Find the value of q.

Statement:

1. $x^2 + qx + 1 = 0$

2. Solution of equation is 1.

- (a) Either statement 1 or statement 2 is sufficient
- (b) Only statement 2 is sufficient
- (c) Both statements 1 and 2 are sufficient
- (d) Only statement 1 is sufficient

RPF Constable 20.01.2019 Shift : III

Ans. (c) : From statement 1

$$x^2 + qx + 1 = 0$$

From statement 2

If solution of equation is 1, 1 then,

$$(1)^2 + q \times 1 + 1 = 0$$

$$q = -2$$

Hence on putting the value of x in statement 1 the value of q is obtained. Therefore statement 1 and statement 2 both are sufficient to answer the question.

75. Find value of θ . If

1) $\cos \theta = \frac{1}{\sqrt{2}}$

2) $\tan \theta = 1$

- (a) Both 1 and 2 are sufficient
- (b) Either 1 or 2 is sufficient
- (c) Only 1 is sufficient
- (d) Only 2 is sufficient

RRB Group-D – 27/11/2018 (Shift-III)

Ans. (b) From statement 1

$$\cos \theta = \frac{1}{\sqrt{2}}$$
$$\cos \theta = \cos 45^\circ$$
$$\theta = 45^\circ$$

From statement 2

$$\tan \theta = 1$$
$$\tan \theta = \tan 45^\circ$$
$$\theta = 45^\circ$$

Hence to answer the question either statement 1 or 2 is sufficient.

76. Question:

There are 8 bed sheet of Three different colors. How many bed sheet are dark yellow color?

Statement:

1. There are 2 plane bed sheets of white color.
2. Number of bed sheets of dark blue color and dark yellow color are same.

- (a) Both statements are not sufficient
(b) Only statement 2 is sufficient
(c) Statement 1 and 2 together are sufficient
(d) Only statement 1 alone is sufficient

RRB Group-D – 27/11/2018 (Shift-III)

Ans. (c) According to statement (1)

$$\text{No. of white bed sheets} = 2$$

$$\text{No. of remaining bed sheets} = 6$$

According to statement 2

$$\text{Deep yellow bed sheets} = \text{Deep blue bed sheets}$$
$$= \frac{6}{2} = 3$$

Hence both statement 1 and 2 are sufficient together to answer the question.

77. Question:

Nitu has 6 pillow covers of 2 different colors. How many white pillow covers she has?

Statement:

1. Nitu has two pairs of pink pillow cover.
2. The pillow cover are of cotton.

- (a) Only statement 2 is sufficient
(b) Both statement 1 and 2 are not sufficient
(c) Only statement 1 is sufficient
(d) Both statements 1 and 2 are sufficient

RRB Group-D – 26/11/2018 (Shift-III)

Ans : (c) According to statement (1)

$$\text{no of pillow covers of pink colour} = 2 \times 2 = 4$$

$$\text{No. of pillow covers of white color} = 6 - 4 = 2$$

Hence only statement 1 is sufficient to answer the question.

78. Question:

Find the common difference in series?

Statement:

- (1) First term of Arithmetic progression is 3 and ninth term is 27.
- (2) Second term in the series is 6

- (a) Neither statement 1 nor statement 2 is sufficient
(b) Only statement 2 is sufficient
(c) Both statements 1 and 2 are sufficient
(d) Only statement 1 is sufficient

RRB Group-D – 26/11/2018 (Shift-III)

Ans : (d) According to statement 1

$$\text{first term (a)} = 3$$

$$9^{\text{th}} \text{ term} = 27, \text{ If common difference of series is } = d$$

$$\text{Then } T_9 = a + (n-1) d$$

$$27 = 3 + (9-1) d$$

$$\text{or } 24 = 8d$$

$$d = 3$$

$$\text{Common difference of series} = 3$$

Hence only statement (1) is sufficient to answer the question.

79. Question:

Laila has 7 Nail polish of three different brands. How many nail polish of x brand she has?

Statement:

1. There are two golden nail polish of Y brand.
2. Number of nail polish of Z brand is double to Y brands.

- (a) Both statements 1 and 2 are not sufficient
(b) Only statement 2 is sufficient
(c) Only statement 1 is sufficient
(d) Both statements 1 and 2 are sufficient

RRB Group-D – 16/11/2018 (Shift-II)

Ans. (d) : Laila has 7 number of nail polishes of three different brand.

$$\text{from statement 1 Nail polishes of Y brand} = 2$$

$$\text{from statement 2 No. of nail polish of Z brand} = 2 \text{ times nail polishes of Y brand.}$$

$$Z = 2 \times 2$$

$$Z = 4$$

$$\text{No. of nail polishes of X brand} = 7 - (4 + 2) = 1$$

Hence, statement 1 and 2 both are capable/sufficient together.

80. Question:

How old John is?

Statement:

- 1) John is 3 years younger than his brother Peter.
- 2) Peter is now 15 years old.

- (a) Both statements 1 and 2 are sufficient
(b) Only statement 1 is sufficient
(c) Only statement 2 is sufficient
(d) Either statement 1 or statement 2 is sufficient

RRB Group-D – 16/11/2018 (Shift-III)

Ans. (a) : From statement 2

$$\text{Age of peter} = 15 \text{ years}$$

$$\text{From statement 1}$$

$$\text{Age of John} = \text{age of peter} - 3$$

$$= 15 - 3 = 12 \text{ years}$$

Hence both statements together are sufficient to determine John's age.

81. **Question:**
Find the value of 'X'
Statement:

I. $A = \begin{bmatrix} 1 & 2 \\ 2 & 1 \end{bmatrix}$ $B = \begin{bmatrix} 2 & x \\ 0 & 1 \end{bmatrix}$

II. $AB = C$; $C = \begin{bmatrix} 2 & 3 \\ 4 & 3 \end{bmatrix}$

- (a) Only statement I is sufficient
(b) Both statements I and II are sufficient
(c) Only statement II is sufficient
(d) Either statement I or II is sufficient

RPF SI 10.01.2019 Shift : I

Ans : (b) $x = ?$

$$A = \begin{bmatrix} 1 & 2 \\ 2 & 1 \end{bmatrix}, B = \begin{bmatrix} 2 & x \\ 0 & 1 \end{bmatrix}$$

$$AB = C \text{ Then } C = \begin{bmatrix} 2 & 3 \\ 4 & 3 \end{bmatrix}$$

$$AB = \begin{bmatrix} 1 & 2 \\ 2 & 1 \end{bmatrix} \begin{bmatrix} 2 & x \\ 0 & 1 \end{bmatrix}$$

$$AB = \begin{bmatrix} 2 & x+2 \\ 4 & 2x+1 \end{bmatrix}$$

$$\text{Which means } \begin{bmatrix} 2 & x+2 \\ 4 & 2x+1 \end{bmatrix} = \begin{bmatrix} 2 & 3 \\ 4 & 3 \end{bmatrix}$$

$$x + 2 = 3$$

$$x = 1$$

or $2x + 1 = 3$

$$x = 1$$

Hence to find the value of x statement 1 or 2 both are mandatory (sufficient).

82. **Question:**
Tara has 10 sketch pen of 3 different colors.
How many sketch pen of brown colors Tara has?

Statement:

1. She has 4 red colored Pencils.
2. Number of sketch pen of brown color is equal to sketch pen of blue color.

- (a) Both statements 1 and 2 together are sufficient
(b) Both statement 1 and 2 together are not sufficient
(c) Only statement 1 is sufficient
(d) Only statement 2 is sufficient

RRB Group-D – 15/11/2018 (Shift-III)

Ans : (a) No. of sketch pen Tara has $\rightarrow 10$

From statement (1)

No. of red sketch pen $\rightarrow 4$

\therefore remaining sketch pen = $10 - 4 = 6$

From statement (2)

No. of brown sketch pen = No. of blue sketch pen.

\therefore No. of brown sketch pen = $\frac{6}{2} = 3$

Hence, both statement 1 and 2 together are sufficient to answer the question.

83. **Question:**
Find the total number of balls in the bag?
Statement:

I. There are 6 blue, 10 red and 7 yellow balls placed in the bag.

II. There are only blue, red and yellow balls placed in the bag.

- (a) Both statements 1 and 2 are sufficient
(b) Either statement 1 or statement 2 is sufficient
(c) Only statement II is sufficient
(d) Only statement I is sufficient

RPF Constable 24.01.2019 Shift : I

Ans. (a) : From statement 1

blue balls = 6, red balls = 10, yellow balls = 7

From statement 2 only blue, red and yellow balls are kept in bag.

hence it is clear that total balls = $6 + 10 + 7 = 23$

Hence statement 1 and 2 both are together sufficient to answer the question.

84. **Question:**

Nayan has 6 clothes of 4 different colors and each measures 1 meter. How many webbed clothes of pink color does he has?

Statement:

1. Nayan has 1 white forged clothe.
2. In remaining clothes $\frac{1}{5}$ are red and number of red and blue clothes are same.

- (a) Only statement 1 is sufficient
(b) Only statement 2 is sufficient
(c) Both statements 1 and 2 together are insufficient
(d) Both statements 1 and 2 together are sufficient

RRB Group-D – 05/11/2018 (Shift-III)

Ans. (d) : From statement 1

White webbed cloth = 1

remaining clothes = 5

from statement 2,

$$\text{Red clothes} = 5 \times \frac{1}{5} = 1$$

Red cloth = Blue cloth = 1

Hence remaining 3 clothes may be of single color because the cloth is only of four colours hence webbed cloth of pink color = 3

Hence to answer the question statement 1 and 2 both are sufficient.

85. **Question:**
What is 40% of a number?

Statement:

I. 25% of that number is 60 less than that number.

II. 25% of that number is a even number.

III. 5% of double of that number is $\frac{1}{10}$ of that number

- (a) Only statement 1 is sufficient

- (b) Both II and III are sufficient
- (c) Statement II and Either I or III are sufficient
- (d) Only III is sufficient

RRB NTPC 19.01.2017 Shift : 2

Ans. (a) : Statement I is sufficient to answer the question let number = x

According to question $x \times \frac{25}{100} = x - 60$

$$\frac{x}{4} = x - 60$$

$$\frac{3x}{4} = 60$$

$$\boxed{x = 80}$$

then, $40\% \text{ of } x = 80 \times \frac{40}{100} = 32$

86. Question:

What is value of 'x'?

Statement:

I. $x + 2y = 6$

II. $3x + 6y = 18$

- (a) Statement I is sufficient
- (b) Statement I and II conjunctly are not sufficient
- (c) Both statement I and II together are necessary
- (d) Statement II only is sufficient

RRB NTPC 18.01.2017 Shift : 3

Ans. (b) : $x + 2y = 6$ (i)
 $3x + 6y = 18$ (ii)

from statement (I)

$$x + 2y = 6$$

$$x = 6 - 2y$$

Value of x on in equation (II)

$$3x + 6y = 18$$

$$3(6 - 2y) + 6y = 18$$

$$18 - 6y + 6y = 18$$

$$-6y + 6y = 18 - 18$$

$$0 = 0$$

From above process the value of y is not obtained, also value of x cannot be obtained.

Hence to obtain value of X statement I and statement II conjunctly are not sufficient.

87. Question:

What is a two-digit number?

Statement:

I. The difference of number and the number obtained by converting their digits is 9.

II. The sum of the digits is 17.

III. The difference between the data of the tens place and at the unit place is 1. Choose the correct option from the answer.

- (a) Only statement II is sufficient
- (b) Statement II and III are sufficient
- (c) All three statements are necessary
- (d) Data are insufficient

RRB NTPC 30.03.2016 Shift : 2

Ans. (c) : From statement I

Suppose unit digit is y and tens digit = x then number = $10x + y$ (i)

The new number on interchanging the digits = $10y + x$(ii)

Difference of statement (i) & (ii)

(∵ To find the difference smaller number will have to subtracted from the larger number)

from statement III is is know that tens digit is greater than unit digit

so $x > y$

or $\boxed{x - y = 1}$

or Statement (ii)

$$10x + y - 10y - x = 9$$

$$9x - 9y = 9$$

$$9(x - y) = 9$$

$$x - y = 1 \text{(iii)}$$

From statement (ii)

$$x + y = 17$$

.....(iv)

from statement (iii) & (iv)

$$x - y = 1$$

$$+x + y = 17$$

$$2x = 18$$

$$\boxed{x = 9}$$

On putting value of x in statement (i)

$$9 - y = 1$$

$$-y = 1 - 9$$

$$\boxed{y = 8}$$

Hence desired no = $\boxed{98}$

Hence it is clear that to answer the question all the three statements are necessary.

88. Question:

Find the present age of Y?

Statement:

I. In present X is 3 times larger than Y.

II. X and Y start going to school in the same year.

III. After 5 years, the age of X is $2\frac{1}{2}$ times of Y.

Select the correct answer from the following.

- (a) Both statement I and II are sufficient
- (b) Both statements II and III are sufficient
- (c) Only statement I is sufficient
- (d) Statement I and III are sufficient

RPF SI 10.01.2019 Shift : II

Ans. (d) : If the present age of Y is P years.

then, $X = 3P$

Five years later

$$(3P + 5) = 2\frac{1}{2} \times (P + 5)$$

$$3P + 5 = \frac{5}{2}(P + 5)$$

$$6P + 10 = 5P + 25$$

$$P = 15 \text{ years}$$

There is no need of second statement, statement I and III both are sufficient to answer the question.

89. Question:

What is the average wage of X, Y and Z?

Statements:

1. Salary of Y is half of (X + Z)
2. X and Y together earn Rs. 40 more than Z and Z earns Rs. 500

- (a) Both 1 and 2 are sufficient
- (b) Neither 1 nor 2 is sufficient
- (c) Only 1 is sufficient while only 2 is insufficient
- (d) Only 2 is sufficient while only 1 is insufficient

RRB ALP & Tec. (09-08-18 Shift-III)

Ans : (d) From statement 1,

$$1- y = \frac{x+z}{2}$$

$$2y = x + z$$

Average wages cannot be known because of any value of X, Y and Z are not given.

From statement 2 $x + y = z + 40$

and $z = 500$

$$x + y = 540$$

$$\therefore \text{required average} = \frac{x+y+z}{3} \\ = \frac{540+500}{3} = 346.66$$

Hence it is clear that to answer the question statement 2 is sufficient where as statement 1 is insufficient.

90. Question:

Is X-5 even number? X is a real number.

Statement:

1. X - 15 is an integer
 2. X - 10 is an odd integer
- (a) Only statement I is sufficient while only statement 2 is insufficient
 - (b) Only statement 2 is sufficient while only statement I is insufficient
 - (c) Both statements 1 and 2 are sufficient
 - (d) Both statements 1 and 2 are not sufficient

RRB ALP & Tec. (09-08-18 Shift-I)

Ans : (b) Suppose $x = 11$

from statement 2-

$$11 - 10 = 1 \text{ (odd integer)}$$

Hence $= 11 - 5 = 6$ (even number) and 6 is an even number and is also a real number.

Hence statement (2) is sufficient to answer the question.

91. Question:

How many cows in a herd are black ?

Statements

1. There are in hard total 60 cows.
2. 40% of them are black.

(a) Both statements together are sufficient to answer the question, but neither statement alone is sufficient

(b) Alone statement 1 is sufficient but alone statement 2 is not sufficient to answer the question

(c) Statements 1 and 2 together are not sufficient, and additional data is needed to answer the question

(d) Alone statement 2 is sufficient but alone statement 1 is not sufficient to answer the question

RRB ALP & Tec. (13-08-18 Shift-I)

Ans : (a) From statement 1,

Total number of cows = 60

From statement 2,

$$\text{Total number of black cows} = \frac{60 \times 40}{100} = 24$$

Hence, Both statements together are sufficient to answer the question, but neither statement alone is sufficient

92. Question:

How many students in the class play Chess ?

Statements:

1. Only girls play Chess.

2. There are 20 girls and 15 boys in the class.

- (a) Neither statement 1 nor 2 is sufficient
- (b) Both statement 1 and 2 are sufficient
- (c) Statement 1 alone is sufficient while statement 2 alone is insufficient
- (d) Statement 2 alone is sufficient while statement 1 alone is insufficient

RRB ALP & Tec. (14-08-18 Shift-III)

Ans : (b) Both statement 1 and statement 2 will be required to answer the question. Because according to statement 1 only girls play chess whereas according to statement 2 there are 20 girls and 15 boys in the class. It is clear that only 20 students (girls) in the class play chess. Which is sufficient to answer the given question. Hence option (b) is true.

93. Question:

What is the weight of ten iron balls if each ball is of the same weight ?

Statements:

1. One-fourth of each ball's weight is 5 kg.

2. The total weight of three iron balls is 20 kg more than the total weight of two iron balls.

- (a) Alone statement 1 is sufficient while alone statement 2 alone is insufficient
- (b) Both statement 1 and 2 are sufficient
- (c) Either statement 1 or 2 is sufficient
- (d) Statement 2 alone is sufficient while statement 1 alone is insufficient

RRB ALP & Tec. (17-08-18 Shift-III)

Ans : (c) From statement 1

$$\frac{1}{4} \text{th weight of ball} = 5g$$

$$\therefore \text{Weight of 1 ball} = 5 \times 4 = 20g$$

$$\therefore \text{Weight of 10 balls} = 10 \times 20 = 200g$$

From statement 2

Weight of 3 balls – Weight of 2 balls = 20 g

Weight of 1 ball = 20 gm

∴ Weight of 10 balls = = 20 × 10 = 200g

Hence it is clear that both statements alone are sufficient to answer the question.

94. Question:

Find the value of x

Statements:

I. Sum of squares of positive consecutive even numbers is 52

II. Difference of the number is 2

- (a) Both I and II are sufficient
 (b) Only II is sufficient while only I is not sufficient
 (c) Only I is sufficient while only II is not sufficient
 (d) Neither I nor II is sufficient

RRB ALP & Tec. (20-08-18 Shift-III)

Ans : (c) From statement I

Let two positive consecutive number are x and x + 2

$$\text{One, } x^2 + (x+2)^2 = 52$$

$$x^2 + x^2 + 4 + 4x = 52$$

$$2x^2 + 4x - 48 = 0$$

$$\Rightarrow x^2 + 2x - 24 = 0$$

$$\Rightarrow x^2 + 6x - 4x - 24 = 0$$

$$(x+6)(x-4) = 0$$

$$x = -6, 4$$

putting x = 4

$$\Rightarrow x^2 + (x+2)^2 = 52$$

$$\Rightarrow 4^2 + (4+2)^2 = 52$$

$$\Rightarrow 16+36 = 52$$

Hence only statement I is sufficient whereas alone II is not sufficient

95. Question:

How much did Mr. X earn in the year 2000?

Statements:

1. Mr. X earned Rs. 7,000 in 2003, which is 10% more than what he earned in 2000.

2. Mrs. Y who is wife of Mr. X, earned half of the amount Mr. X earned, and they together earned Rs. 9,000 in 2000.

- (a) Either 1 or 2 is sufficient to answer the question
 (b) Both 1 and 2 are sufficient to answer the question
 (c) 1 alone is sufficient while 2 alone is not sufficient to answer the question
 (d) 2 alone is sufficient while 1 alone is not sufficient to answer the question

RRB ALP & Tec. (29-08-18 Shift-III)

Ans : (a) From statement (1)

suppose the money earned by Mr 'X' in year 2000 is A then,

Money earned by Mr 'X' in year 2003 = ₹ 7000

money earned by Mr 'X' in year 2000 ⇒

$$A + \frac{A \times 10}{100} = 7000$$

$$\text{or } \frac{11A}{10} = 7000$$

$$\boxed{A = 6363.6\text{₹}}$$

from statement (2)

Suppose money earned by Mr 'X' in year 2000 = A

money earned by Mrs 'Y' in year 2000 = $\frac{A}{2}$

$$A + \frac{A}{2} = 9000$$

$$\frac{3A}{2} = 9000$$

$$A = 6000$$

$$\text{Money earned by Mrs (Y) = } 9000 - 6000 = 3000$$

Which is less than half of the money earned by Mr 'X' in year 2000 hence here to answer the question either statement 1 or statement 2 is sufficient.

96. Question: Is Y > 0?

Statements:

1. X + Y > 0

2. X - Y > 0

- (a) Neither 1 nor 2 is sufficient to answer the question
 (b) 2 alone is sufficient while 1 alone is not sufficient to answer the question
 (c) Both 1 and 2 together are sufficient to answer the question
 (d) 1 alone is sufficient while 2 alone is not sufficient to answer the question

RRB ALP & Tec. (30-08-18 Shift-III)

Ans : (a) x + y > 0

$$x - y > 0$$

Hence to answer the question neither 1 nor 2 is sufficient.

97. Question:

In the right angled triangle ABC, angle B is right angle, then what is the measure of angle A?

Statement

1. Angle C is 20°

2. Angle A = Angle C

- (a) Only one statement is sufficient
 (b) Both statement 1 and 2 are sufficient
 (c) Statement 1 alone is sufficient while statement 2 alone is not sufficient
 (d) Statement 2 alone is sufficient while statement 1 alone is not sufficient

RRB Group-D – 11/12/2018 (Shift-I)

Ans. (a) : According to statement-
 Angle $C = 20^\circ$

$\angle A = 70^\circ$
 angle $A = \text{angle } C$
 $\angle A = 45^\circ = \angle C$

To answer the question any one of the statement is sufficient. Hence option (a) is correct.

- 98. Question:**
Find the values of x, y, z from the given statements
Statements:
I : $x + y = 12$, ; $x + z = 4$
II : $x - y = 6$
- Only II is sufficient while I is not
 - Neither I nor II is sufficient
 - Both I and II are sufficient
 - Only I is sufficient while II is not

RRB ALP & Tec. (20-08-18 Shift-III)

Ans : (c) From statement I,
 $x + y = 12$(i)
 $x + z = 4$(ii)

From statement II
 $x - y = 6$(iii)

On adding eqⁿ (i) and (iii)
 $x + y = 12$

$$\begin{array}{r} x - y = 6 \\ \hline 2x = 18 \\ x = 9 \end{array}$$

Putting $x = 9$ in eqⁿ (iii)
 $9 - y = 6$
 $y = 3$

Adding $x = 9$ in eqⁿ (ii)
 $9 + z = 4$
 $z = -5$

Hence it is clear that to find the value of x, y and z statement I and II both are sufficient.

- 99. Question:**
If X scored an average of 50 marks in History, Language and Science, then how much did he score in Science
- Statements:**
- His average score in History and Language is 25.
 - He got 30 marks in Language.
- Both 1 and 2 are sufficient to answer the given question
 - 2 alone is sufficient while 1 alone is not sufficient to answer the given question
 - 1 alone is sufficient while 2 alone is not sufficient to answer the given question
 - Neither 1 nor 2 is sufficient to answer the given question

RRB ALP & Tec. (10-08-18 Shift-II)

Ans : (c) Average marks of X in total three subjects (history, language and science) = 50
 \therefore Total marks of three subjects (Science, language history)
 $= 50 \times 3 = 150$
 \therefore Average marks in two subjects (history or language)
 $= 25$
 \therefore Total marks in two subjects (history or language)
 $= 25 \times 2 = 50$
 \therefore Marks obtained by X in science subject
 $= 150 - 100 = 50$

Hence it is clear that statement 1 alone is sufficient to answer the question whereas statement 2 alone is not sufficient to answer the question.

- 100. Question:**
What is the value of $14\$20*8\#4$?
- Statements:**
- $\$$ implies $-$, $*$ implies $+$, $\#$ implies \div
 - $14\$20*8 = 25$
- Both statements 1 and 2 are sufficient
 - Statement 1 alone is sufficient while statement 2 alone is insufficient
 - Neither statement 1 or 2 is sufficient
 - Statement 2 alone is sufficient while statement 1 alone is insufficient

RRB ALP & Tec. (14-08-18 Shift-II)

Ans : (b) It is given-

$$\begin{array}{l} \$ \rightarrow - \\ * \rightarrow + \\ \# \rightarrow \div \end{array}$$

$\therefore 14\$20*8 = 14 - 20 + 8 \div 4$
 $= 14 - 20 + 2$
 $= 16 - 20$
 $= -4$

Hence $14\$20*8 \neq 25$

Hence to answer the question statement 1 is sufficient whereas statement 2 is insufficient.

- 101. Question:**
What is the total number of illegal immigrants?
- Statements:**
- 30% of the total illegal immigrants are from Bangladesh.
 - Remaining are from India.
- 1 alone is sufficient while 2 alone is not sufficient to answer the question
 - Both 1 and 2 together are sufficient to answer the question
 - Neither 1 nor 2 is sufficient to answer the question
 - 2 alone is sufficient while 1 alone is not sufficient to answer the question

RRB ALP & Tec. (30-08-18 Shift-I)

Ans : (c) The total number of illegal immigrants in the question has been asked whereas according to the statement 30% of the total illegal immigrants are from Bangladesh and the rest (100% - 30% = 70%) are from India. The total numbers of illegal immigrants is not obtained from this information. Hence neither statement (1) nor (2) is sufficient to answer the question.

102. Question:

What is the total weight of 6 boxes? Each box has same weight.

Statement:

1. One third weight of each box is 2 kg.
2. The total weight of four boxes is 12 kg more than the total weight of two boxes.

- (a) Only statement 1 is sufficient
- (b) Neither statement 1 nor statements 2 is sufficient
- (c) Either statement 1 or statement 2 is sufficient
- (d) Only statement 2 is sufficient

RPF SI 11.01.2019 Shift : I

Ans : (c) Suppose, weight of each box is x kg from statement 1,

$$\frac{x}{3} = 2$$

$$x = 6 \text{ kg}$$

Total weight of 6 boxes = 36 kg

from statement 2

$$4x = 2x + 12$$

$$2x = 12$$

$$x = 6 \text{ kg}$$

Total weight of six boxes = 36 kg

Hence to answer the question either statement 1 or 2 is sufficient.

103. Question:

Find the total number of cubes in the box.

Statement:

1. There is some blue, some yellow and some white cube in the box.
2. The number of blue cubes is double that of yellow cubes and number of white cube is 12.

- (a) Both 1 and 2 are sufficient
- (b) Only 2 is sufficient
- (c) Either 1 or 2 is sufficient
- (d) Only 1 is sufficient

RPF Constable 24.01.2019 Shift : III

Ans. (a) : From statement 1

There are blue, yellow, white cubes in the box from statement 2

Let, no. of yellow cubes = x

no. of blue cubes = 2x

no. of white cubes = 12

Total no. of cubes = 2x + x + 12 = 3x + 12

Hence statement 1 and 2 both are sufficient.

104. Question:

How many classrooms are there in the college.

Statement:

1. Each block has 10 classroom which is equal to the total number of building of college.
2. Each building has 4 block.

- (a) Statement 1 alone is sufficient while statement 2 alone is not sufficient
- (b) Both statements 1 and 2 together are sufficient
- (c) Either statement 1 or statement 2 is sufficient
- (d) Statement 2 alone is sufficient while statement 1 alone is not sufficient

RRB Group-D – 23/10/2018 (Shift-I)

Ans. (b) : From statement 1

no of classrooms in each blocks = 10

∴ no of building = 10

from statement 2,

no of blocks in each building = 4

∴ no. of classrooms in college = 10 × 4 × 10 = 400

Hence to answer the question both statements 1 and 2 are sufficient together.

105. Question:

What will be the total age of brothers after 20 years from now?

Statement:

1. Nakul is now 12 years old.

2. Vimal's age is three times of one fourth of Nakul's age.

- (a) Statement 1 alone is sufficient
- (b) Statement 2 alone is sufficient
- (c) Statement 1 and 2 together are not sufficient
- (d) Statements 1 and 2 together are sufficient

RRB Group-D – 12/11/2018 (Shift-II)

Ans : (d) Statement (1) age of Nakul = 12 yrs

Statement (2) Vimal's age = $\frac{\text{age of Nakul}}{4} \times 3$

$$= \frac{12}{4} \times 3 = 9 \text{ years}$$

Age of both of them 20 years from now

$$= 12 + 20 + 9 + 20$$

$$= 61 \text{ years}$$

Hence to answer the question statement 1 and 2 both are sufficient together.

106. Question:

Find the value of X, if

Statement:

1) $x : 2 :: 3 : 4$

2) $P + q + r^2 = 32 + \theta$

- (a) Only 1 is sufficient
- (b) Neither 1 nor 2 is sufficient
- (c) Either 1 or 2 is sufficient
- (d) Only 2 is sufficient

RRB Group-D – 11/12/2018 (Shift-III)

Ans : (a) (1) $x : 2 :: 3 : 4$

$$\frac{x}{2} = \frac{3}{4}$$

$$x = \frac{3}{2}$$

(2) $p + q + r^2 = 32 + \theta$

Hence to find the value of x only statement 1 is sufficient.

Type - 3

A question followed by two statement. Identify which statement is sufficient to answer the question.

107. Question:

What is the color of Jasmine?

Statement:

I. Blue is called white, white is called red and red is called yellow

II. Yellow is called purple, purple is called black, white is called brown and brown is called orange.

- (a) Either I or II is sufficient
- (b) Both I and II together are not sufficient
- (c) Only I is sufficient
- (d) Only II is sufficient

RRB Group-D – 03/10/2018 (Shift-I)

Ans : (a) Jasmine flower is white in color but according to statement I white is called red and statement II white is called brown.

Hence, either I or II is sufficient.

108. Question:

Which word represents 'give' in code language?

Statement:

I. 'Give me some tea' is written as 'De min to te'

II. 'Please give' is written as 'Plea de'

- (a) Only statement I is sufficient
- (b) Both statements I and II are insufficient
- (c) Only statement II is sufficient
- (d) Both statements I and II are sufficient

RRB Group-D – 16/10/2018 (Shift-III)

Ans : (d) Give me some tea → De min to te

Please give → plea de

With the help of both the statement we can say 'give' = 'de', Hence both statements are sufficient.

109. Question:

What is code for 'here'?

Statement:

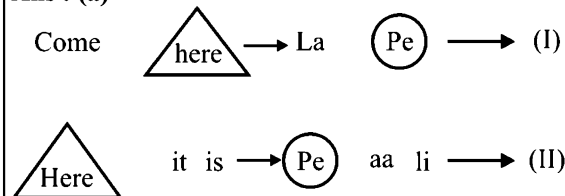
1. 'Come here' is written as 'La pe'

2. 'Here it is' is written as 'Pe aa li'

- (a) Both statements 1 and 2 together are sufficient.
- (b) Only statement 1 is sufficient
- (c) Neither statement 1 nor 2 is sufficient
- (d) Only statement 2 is sufficient

RRB Group-D – 27/09/2018 (Shift-III)

Ans : (a)



It is clear from statement 1 and statement 2 statement (1) and statement (2) both are required together.

110. Question:

What is code for 'please'?

Statement:

1. In a code language, 'please here' is written as 'plea le'.

2. 'please come', is written 'plea aa'

- (a) Statement 2 alone is sufficient
- (b) Statement 1 alone is sufficient
- (c) Statements 1 and 2 together are sufficient
- (d) Either statement 1 or 2 is not sufficient

RRP SI 11.01.2019 Shift : II

Ans. (c) From statement 1 and 2

 Please have – Plea le

 Please come – Plea aa

Hence to answer the question both statements together are sufficient.

111. Question:

Which word represents 'la' in code language.

Statement:

1. 'Come here' is written as 'Cee la'.

2. 'Here it is' is written as 'La e it'

- (a) Only statement 2 is sufficient
- (b) Both statements 1 and 2 are sufficient
- (c) Both statements 1 and 2 are insufficient
- (d) Only statement 1 is sufficient

RRB Group-D – 16/11/2018 (Shift-III)

Ans. (b) : Statement-1 Come here → Cee la

Statement - 2 Here it is → La e it

From statement -1 and 2, la = here

Hence to answer the question both the statements together are sufficient.

112. Question:

What is code for 'late'?

Statement:

1. In any code language "I was late" is written as "N wis le".

2. "She is late" is written as "Se s le"

- (a) Either 1 or 2 is not sufficient
- (b) Statement 1 alone is sufficient
- (c) Statement 2 alone is sufficient
- (d) Statement 1 and 2 together are sufficient

RRB Group-D – 12/11/2018 (Shift-I)

Ans. (d) : From statement-

(1) I was late ——— "N wis le"

(2) She is late ——— "Se s le"

From statement (1) & (2)

Code of late will be le

Hence to answer question statements (1) and (2) together are sufficient.

113. Question:

What will be code for 'Have'?

Statement:

1. 'Please have' is written as 'Plea le'

2. 'I have the laptop' is written as 'e le d laptop'

- (a) Neither statement 1 nor statement 2 is sufficient.
 (b) Only statement 2 is sufficient
 (c) Both statements 1 and 2 together are sufficient
 (d) Only statement 1 is sufficient

RRB Group-D – 12/11/2018 (Shift-I)

Ans. (c) : From statement

(1) Please **have** ——— 'Plea **le**'

(2) I **have** the laptop ——— 'e **le** d laptop'

Code for have = le

Hence to answer question statement (1) and statement (2) together is sufficient.

114. Question:

In code language which word represents 'please'.

Statement:

1. 'Please give me your pencil' is written as 'Plea ge min gee eaa cil'.

2. 'Please take care' is written as 'Plea ka ya'.

- (a) Only statement 1 is sufficient
 (b) Both statements 1 and 2 together are not sufficient
 (c) Only statement 2 is sufficient
 (d) Both statement 1 and 2 together are sufficient

RRB Group-D – 12/11/2018 (Shift-I)

Ans. (d) : From statement

(1) **Plea** give me your pencil ——— **Plea** ge min gee eaa cil

(2) **Plea** take care ——— **Plea** ka ya

Please → Plea, Hence to answer the question both the statements are sufficient.

115. Question:

In code language which word represents 'mango'.

Statement:

1. 'I love Mangoes' is written as 'E la mange'

2. 'I love Orange' is written as 'E la orage'

- (a) Only statement 1 is sufficient
 (b) Both statement 1 and 2 are not sufficient
 (c) Both statements 1 and 2 are sufficient
 (d) Only statement 2 is sufficient

RRB Group-D – 05/11/2018 (Shift-I)

Ans. (c) :

I love Mangoes ⇒ **E la** mange

I love orange ⇒ **E la** orage

Hence to answer the question both statements are sufficient

116. Question:

Which word represents 'blue' in the code language.

Statements:

1. 'Here is a pen' is written as 'Hya eys e pena'

2. 'Here is a blue pen' is written as 'Hya eys e Nel pena'

- (a) Statement 2 alone is sufficient
 (b) Statements 1 and 2 together are sufficient
 (c) Statement 1 alone is sufficient
 (d) Statement 1 and 2 together are insufficient

RRB Group-D – 05/11/2018 (Shift-III)

Ans. (b) : 'Here is a pen' → 'Hya eys e pana'

'Here is a **blue** pen' → 'Hya eys e **Nel** pena'

It is clear that 'nell' is code word for 'blue' Hence to answer the question both the statement are sufficient.

117. Question:

What is the meaning of 'Sen' in the code language?

I. In code language 'you are beautiful' is written as 'sen tou ki'

II. In same code language 'will you have coffee' is written as 'ti sen ae toce'

- (a) Only statement I is sufficient
 (b) Statement I and statement II together are not sufficient
 (c) Statement II is sufficient
 (d) Both statement I and statement II are necessary to explain the statement in question.

RRB NTPC 18.01.2017 Shift : 3

Ans. (d) : ∴ In both the statement only 'you' and 'sen' is common. Hence the meaning of 'sen' will be 'you'. hence to answer the question statement I and statement II are sufficient.

118. Question:

What is the code for PQR ?

Statements

I. ABC represents BCD; DEF represents EFG

II. LMN represents MNO; OPQ represents PQR

- (a) Both I and II are sufficient to answer the questions
 (b) Either I or II is sufficient to answer the question
 (c) I alone is sufficient while II alone is not sufficient to answer the question
 (d) II alone is sufficient while I alone is not sufficient to answer the question

RRB ALP & Tec. (20-08-18 Shift-II)

Ans : (b) Just as

A $\xrightarrow{+1}$ B D $\xrightarrow{+1}$ E L $\xrightarrow{+1}$ M O $\xrightarrow{+1}$ P
 B $\xrightarrow{+1}$ C E $\xrightarrow{+1}$ F , M $\xrightarrow{+1}$ N P $\xrightarrow{+1}$ Q
 C $\xrightarrow{+1}$ D F $\xrightarrow{+1}$ G N $\xrightarrow{+1}$ O Q $\xrightarrow{+1}$ R

Similarly,

P $\xrightarrow{+1}$ Q
 Q $\xrightarrow{+1}$ R
 R $\xrightarrow{+1}$ S

Hence to answer the given question statement 1 or statement 2 is sufficient.

119. Question:

What is the colour of human blood Statements:

1. Blue is called pink, red is called orange and orange is called yellow

2. White is called black, black is called green, green is called brown and brown is called red.

- (a) 1 alone is sufficient while 2 alone is not sufficient to answer the given question
- (b) Either 1 or 2 is sufficient to answer the given question
- (c) 2 alone is sufficient while 1 alone is not sufficient to answer the given question
- (d) Both 1 and 2 together are sufficient to answer the given question

RRB ALP & Tec. (29-08-18 Shift-II)

Ans : (a) It is a universal truth that the color of human blood is red whereas in sentence 1 red is called orange. Hence it is clear that to decide the answer of the question only statement 1 is sufficient. Whereas statement 2 is not sufficient.

120. Question:

How is CHINA coded ?

Statements:

1. CHILE is coded as ECIHL.

2. EGYPT is coded as TEYGP.

- (a) 1 alone is sufficient while 2 alone is not sufficient to answer the question
- (b) Either 1 or 2 is sufficient to answer the question
- (c) 2 alone is sufficient while 1 alone is not sufficient to answer the question
- (d) Both 1 and 2 together are sufficient to answer the question

RRB ALP & Tec. (30-08-18 Shift-III)

Ans : (b) C H I L E \rightarrow E C I H L
 1 2 3 4 5 5 1 3 2 4
 E G Y P T \rightarrow T E Y G P
 1 2 3 4 5 5 1 3 2 4

To code CHINA either statement 1 or statement 2 is sufficient.

121. Question:

If LIKE GOOD HABITS is coded as 126, then what will be the code for HABITS?

Statements:

- 1. I LOVE PICTURES is coded as 785.
- 2. THOUGHT BECOMES HABIT is coded as 856.
- (a) Neither 1 nor 2 is sufficient to answer the given question
- (b) 2 alone is sufficient while 1 alone is not sufficient to answer the given question
- (c) Both 1 and 2 are sufficient to answer the given question
- (d) 1 alone is sufficient while 2 alone is not sufficient to answer the given question

RRB ALP & Tec. (30-08-18 Shift-I)

Ans : (b)

From Question- LIKE GOOD HABITS \rightarrow 126

Statement-

(1) I LOVE PICTURES \rightarrow 7 8 5

(2) THOUGHT BECOMES HABIT \rightarrow 8 56

From Statement-2

It is clear that '6' represents 'HABIT' Hence to answer the given question only statement 2 is sufficient.

Type - 3

A question followed by two/three statement. Identify which statement is sufficient/necessary to answer the question.

122. Question:

What is the relation of X with Y?

Statement:

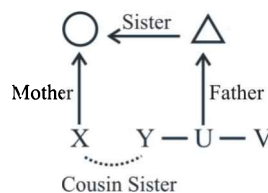
1. Y has two sister U and V.

2. Mother of X is sister of U's father.

- (a) Only 1 is sufficient while other alone is not sufficient
- (b) Both 1 and 2 together are sufficient
- (c) Either statement 1 alone or 2 alone is sufficient
- (d) Only 2 is sufficient while first alone is not sufficient

RRB Group-D - 05/10/2018 (Shift-II)

Ans : (b) From statement (1) and (2)

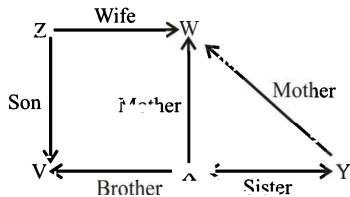


X will be cousin sister of Y hence both statements are sufficient.

123. **Question:**
How many daughters does Z have?
Statement:
1. X and Y are the daughters of W.
2. V is brother of X and son of Z.
 (a) Both 1 and 2 together are sufficient
 (b) Only 2 is sufficient while first alone is not sufficient
 (c) Either 1 alone or 2 alone is sufficient
 (d) Only 1 is sufficient while other alone is not sufficient

RPF SI 11.01.2019 Shift : III

Ans : (a)

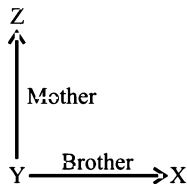


It is clear from figure, statements 1 and 2 together are sufficient to answer the question.

124. **Question:**
X is brother of Y, Z is mother of Y. Then what is the relation of Y with X?
Statement:
1. Z has only 1 son and one daughter.
2. X is the only son of V who has 2 children.
 (a) Only 1 is sufficient while other alone is not sufficient
 (b) Only 2 is sufficient while first alone is not sufficient
 (c) Either 1 alone or 2 alone is sufficient
 (d) Both 1 and 2 together are sufficient

RPF Constable 18.01.2019 Shift : I

Ans : (c)

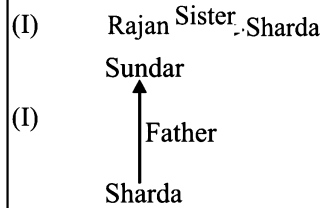


It is clear from figure that either statement 1 alone or statement 2 alone is sufficient.

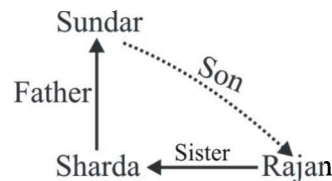
125. **Question:**
What is the relation of Rajan with Sundar?
Statement:
I. Rajan's sister is Sharda.
II. Sharda's father's name is Sundar.
 (a) Only statement 1 is sufficient
 (b) Only statement II is sufficient
 (c) Both statement I and II are sufficient
 (d) Either statement I or statement II is sufficient

RRB Group-D – 12/11/2018 (Shift-I)

Ans. (c) : Statement-



From statement 1 and 2



It is clear from diagram that Rajan is the son of Sundar. Hence statement I and II both are sufficient to answer the question.

126. **Question:**
How many brother does Dinesh have?
Statement:
(I) Dinesh's mother has three children.
(II) Dinesh has two sister.
 (a) Statement II is sufficient in itself
 (b) Both statements are necessary to answer the question
 (c) Only statement I is sufficient
 (d) Either statement I or statement II is sufficient in itself

RRB NTPC 19.01.2017 Shift : 1

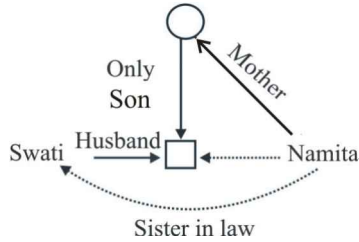
Ans : (b) According to the statement, Dinesh's mother has three children and according to statement II Dinesh has two sisters.

Hence when both the statements are viewed together it became known that Dinesh has no brothers. So, both the statements are not required to answer the question.

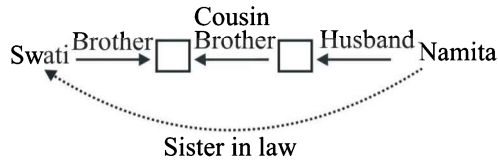
127. **How Swathi is related to Namitha?**
Statements:
I. Swathi's husband is the only son of Namitha's mother.
II. Swathi's brother and Namitha's husband are cousins.
 (a) Both I and II are sufficient to answer the question
 (b) II alone is sufficient while I alone is not sufficient to answer the question
 (c) Either I or II is sufficient to answer the question
 (d) I alone is sufficient while II alone is not sufficient to answer the question

RRB ALP & Tec. (09-08-18 Shift-III)

Ans : (c) From statement 1



From statement 2-



Hence it is clear that for answering the given question statement 1 or 2 is sufficient.

128. Question:

How is Rajesh related to Vijay?

Statement:

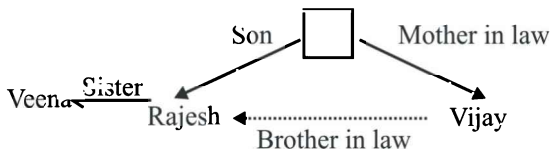
I. Rajesh is the only one son of Vijay's mother-in-law.

II. Veena is Rajesh's only sister.

- (a) Both data I and II are not sufficient
- (b) Data I or II alone is sufficient
- (c) Data II alone is sufficient
- (d) Data I alone is sufficient

RRB Group-D – 01/10/2018 (Shift-III)

Ans : (d) From statement 1



The data given in statement I is sufficient to answer the question whereas in statement II the relation b/w. Veena and Rajesh is stated and there is no mention of Vijay.

129. Question:

How many sons does X have?

Statements:

I. W has Y and Z brother

II. Z's mother is the wife of W's father

- (a) 2 alone is sufficient while only I alone is not sufficient
- (b) Both 1 and together are sufficient
- (c) Neither 1 and nor 2 alone is sufficient
- (d) 1 alone is sufficient while only 2 alone is not sufficient

RRB Group-D – 04/10/2018 (Shift-I)

Ans. (c) Because in statement I and II X is not mentioned. Hence both the statement are insufficient to answer the question.

Type - 3

A question followed by two/three statement. Identify which statement is sufficient/necessary to answer the question.

130. Question:

Does viewing mobile too much cause a headache?

Statement:

1. Headache occurs due to excessive stimulation of the pituitary gland.

2. Eye strain is caused by viewing mobile, which stimulates the pituitary gland.

- (a) Either statement 1 alone or 2 alone is sufficient
- (b) Only 1 is sufficient while other alone is not sufficient
- (c) Only 2 is sufficient while first alone is not sufficient
- (d) Both 1 and 2 together are sufficient

RRB Group-D – 29/10/2018 (Shift-III)

Ans : (d) To answer the question statements 1 and 2 together are necessary.

131. Question:

Which is the thirteenth day of the given month

Statement:

I. The last day of month is Tuesday.

II. The sixteenth day of the month is the third Friday of the month.

- (a) The data given in statement I is sufficient
- (b) The data given in both statements 1 and 2 are not sufficient
- (c) The data given in statement II is sufficient
- (d) The data given in either statement I or statement II is sufficient

RRB Group-D – 05/10/2018 (Shift-I)

Ans. (c) : To answer the given question the data given in statement II is sufficient.

132. Question:

Can you make an overall assessment of current level of the stock market index today?

Statement:

I. Today the stock market index has reached below the lowest level of the last 3 years.

II. During the previous year, the index fluctuated between 30, 360 and 28, 225.

III. The stock market index touched low of 27, 125 in the last 3 years.

Choose the correct option in the following.

- (a) statements I, II and III all are insufficient
- (b) Both statements I and III are sufficient

- (c) Both statements II and III are sufficient
- (d) Both statement I and II are sufficient

RRB NTPC 18.01.2017 Shift : 1

Ans. (b) : Through the statements (I) and (III) the current level of the stock market index can be evaluated overall, so both statements (I) and (III) are sufficient.

133. How was the sale of the company ABC ?

Statements:

1. The company ABC sold 75000 units of soaps each at ₹ 70/-

2. ABC has no other products in the production line.

- (a) Only 2 is sufficient while 1 alone is not sufficient to answer the question
- (b) Only 1 is sufficient while 2 alone is not sufficient to answer the question
- (c) Neither 1 nor 2 is sufficient to answer the question
- (d) Both 1 and 2 are sufficient to answer the question

RRB ALP & Tec. (09-08-18 Shift-I)

Ans : (b) To answer the given question statement 1 alone is sufficient whereas statement 2 alone is not sufficient.

134. What is the colour of the granite in the kitchen?

Statements:

1. The colour of the granite is the colour of the wall.

2. The colour of the granite is very bright.

- (a) Neither 1 nor 2 is sufficient to answer the given question
- (b) Both 1 and 2 are sufficient to answer the given question
- (c) Only 1 is sufficient while 2 alone is not sufficient to answer the given question
- (d) Only 2 is sufficient while 1 alone is not sufficient to answer the given question

RRB ALP & Tec. (14-08-18 Shift-I)

Ans : (a) From statement-1, The color of granite is the color of wall

The color of the wall is not known by this statement 2- The color of granite is very bright/Shiny. This only shows that granite is shiny.

Hence from both statements we cannot detect the color of granite.

135. When did Mr. Y purchase his car ?

Statements:

1. Certainly before 18th August but not before 15th August.

2. Certainly after 16th August but not after 19th August.

- (a) Statement 1 alone is sufficient while statement 2 alone is insufficient
- (b) Statement 2 alone is sufficient while statement 1 alone is insufficient.
- (c) Both statement 1 and 2 are sufficient
- (d) Either statement 1 or 2 is sufficient

RRB ALP & Tec. (17-08-18 Shift-II)

Ans : (c)

Statement 1 → 15 16 17
Statement 2 → 17 18 19

Hence both statements are sufficient to answer the question.

136. Question: Four magicians, U, V, W and X, will perform at a theatre on four consecutive days, each on a different day but not in the same order. On which day will W perform?

Statements:

- 1. Show starts on the 1st of Feb and X performs on the next day.
- 2. U doesn't perform on the 3rd of Feb; one of them performs between U and V.
- (a) Both 1 and 2 together are sufficient to answer the question
- (b) Either 1 or 2 is sufficient to answer the question
- (c) 1 alone is sufficient while 2 alone is not sufficient to answer the question
- (d) 2 alone is sufficient while 1 alone is not sufficient to answer the question

RRB ALP & Tec. (29-08-18 Shift-III)

Ans : (a) Here the show starts on 1st February and the magician 'X' performs the next day i.e. 2nd February. Magician 'U' does not perform on 3 February and another magician performs between magician U and V's performance. That is, the order of the magic performances of the magicians will be as follows, thus the magician 'W' performs on the fourth day i.e. the 4th. Thus statement (1) and statement (2) together are sufficient to answer the question.

137. Question:

Which direction is X from Y?

Statement:

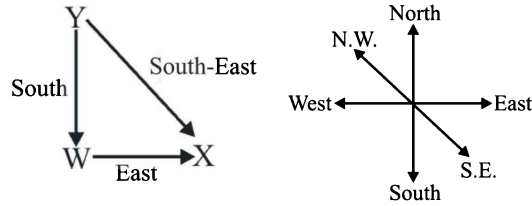
1. X is to the immediate east of W.

2. W is to the immediate south of Y.

- (a) Only 1 is sufficient while only 2 is not sufficient
- (b) Either only 1 or only 2 is sufficient
- (c) Both 1 and 2 together are sufficient
- (d) Only 2 is sufficient while only 1 is not sufficient

RPF Constable 18.01.2019 Shift : III

Ans : (c) According to question.



Hence it is clear X is to the South East direction of Y.
Hence statement 1 and 2 together are sufficient to answer the question.

138. Question:

Is Raju like travelling?

Statements:

1. Raju has seen East, West, North and Southern parts of India.

2. Raju likes to be in the company of his friends.

- (a) Statement 2 alone is sufficient but statement 1 alone is not sufficient to answer the question
- (b) Statement 1 and 2 together are not sufficient, and additional data is needed, to answer the question
- (c) Both statements together are sufficient to answer the question, but neither statement alone is sufficient
- (d) Statement 1 alone is sufficient but statement 2 alone is not sufficient to answer the question

RRB ALP & Tec. (09-08-18 Shift-I)

Ans : (d) It is clear from statement 1 that Raju likes to travel. Hence only statement 1 is sufficient, whereas only statement 2 is not sufficient to answer the question.

139. Question:

Are women emotionally stronger than men?

Statements :

1. Women think men's thinking cannot change any problem.

2. Women are equal to men in all issues.

- (a) 2 alone is sufficient while 1 alone is not sufficient to answer the question.
- (b) Neither 1 nor 2 is sufficient to answer the question.
- (c) 1 alone is sufficient while 2 alone is not sufficient to answer the question.
- (d) Both 1 and 2 together are sufficient to answer the question.

RRB ALP & Tec. (31-08-18 Shift-II)

Ans. (b) : To answer the question neither 1 nor 2 is sufficient.

140. Question:

Does the children's ability to grasp ideas in school depend on their intelligence?

Statements :

1. Intelligence is unaffected by bad teaching

2. Poor children do not perform well in the school

- (a) Statement 1 alone is sufficient while statement 2 alone is insufficient
- (b) Neither 1 nor 2 is sufficient
- (c) Both 1 and 2 are sufficient
- (d) Statement 2 alone is sufficient while statement 1 alone is insufficient

RRB ALP & Tec. (21-08-18 Shift-III)

Ans : (d) Only statement 2 is sufficient whereas only statement 1 is insufficient.

141. Question:

What day is the 14th of a given month ?

Statements :

1. The last day of the month is Sunday.

2. The fourth Saturday of the month is 25th.

- (a) Statement 2 alone is sufficient while 1 alone is insufficient
- (b) Both statements 1 and 2 are sufficient
- (c) Either statement 1 or 2 is sufficient
- (d) Statement 1 alone is sufficient while statement 2 is not sufficient

RRB ALP & Tec. (20-08-18 Shift-II)

Ans : (a) Statement 1 is not sufficient to answer the question because the last day of the month is Sunday but it was not to 2 whether the month is.

Statement-2 \therefore 25th day of month – Saturday

\therefore 18th day of month = Saturday

\therefore 14th day of month will be – Tuesday

Hence it is clear that only statement 2 is sufficient to answer the question.

142. Question:

Did X lose the gold chain at school?

Statement:

1. Children are not required to wear ornaments in school.

2. X wore a gold chain in the morning.

- (a) Statement 2 alone is sufficient but statement 1 alone is not sufficient
- (b) Statement 1 alone is sufficient but statement 2 is not sufficient
- (c) Statement 1 or 2 alone is sufficient
- (d) Both statements 1 and 2 together are not sufficient

RRB Group-D – 25/10/2018 (Shift-II)

Ans : (d) For the given question statements 1 and 2 together are not sufficient to answer the question.