Banking Daily Quiz Blog - March 14

1. **In the word 'HANDCRAFT', how many pairs of the letters have the same number of letters between them in both forward and backward direction in the word as in alphabetical series?**

A   One

B   Three

C   Two

D   **More than three**

E   None

Solution

The given word = HANDCRAFT

There are four pairs of letters have the same number of letters between them in both forward and backward direction in the word as in alphabetical series.

1. N – T

2. A – C

3. A – D

4. C – D

Hence, the option (D) is correct.

2. **Study the information carefully and answer the questions given below.**

A certain number of persons sitting in a straight line facing towards the north direction. Three persons sit between A and G. Five persons sit between G and T. As many persons sit between A and T as between A and H. T is third from one of the extreme ends. J is second from the left end. D sits second to the right of J. D sits 2nd to the left of H. J and T are not an immediate neighbour to each other.

A. **How many persons sit between J and H?**

A	Five

B	**Three**

C	Four

D	Six

E	None

Solution

According to the question,
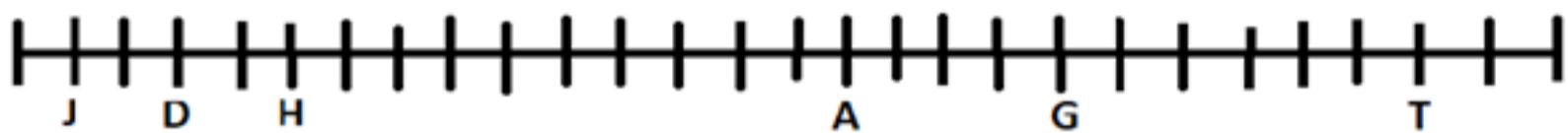
Three persons sit between A and G.

Five persons sit between G and T and T is third from one of the extreme ends.

As many persons sit between A and T as between A and H. So, there are 9 people sit between A and T.

J is second from the left end.

D sits second to the right of J and D sits 2nd to the left of H.

J and T are not an immediate neighbour to each other.

So, there are 3 persons sit between J and H.

Hence, the option (B) is correct.

B. **If X sits fifth to the right of H, then how many persons sit between X and A?**

A Two

B Five

C Three

D **Four**

Solution

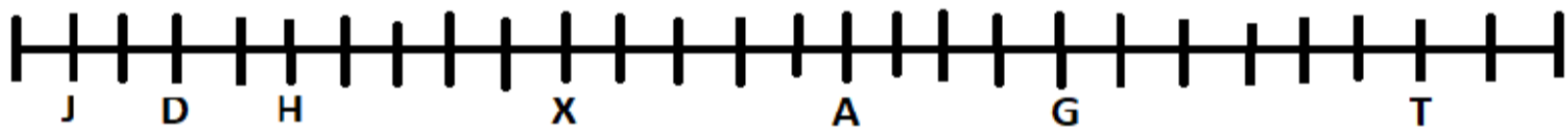According to the question,

Three persons sit between A and G.

Five persons sit between G and T and T is third from one of the extreme ends.

As many persons sit between A and T as between A and H. So, there are 9 people sit between A and T.

J is second from the left end.

D sits second to the right of J and D sits 2nd to the left of H.

J and T are not an immediate neighbour to each other.

So, there are four persons sit between X and A.

Hence, the option (D) is correct.

C. **What is the total number of persons sitting in a straight line?**

A	**28**

B	22

C	14

C   14

D   17

E   25

Solution

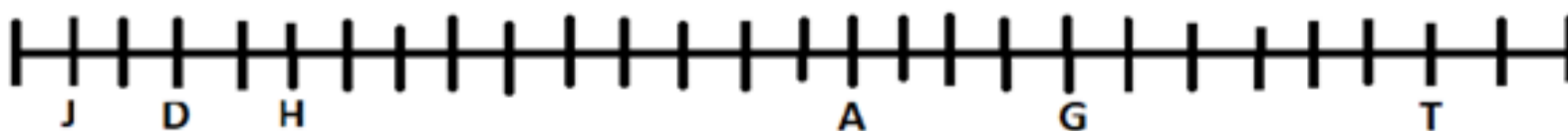According to the question,

Three persons sit between A and G.

Five persons sit between G and T and T is third from one of the extreme ends.

As many persons sit between A and T as between A and H. So, there are 9 people sit between A and T.

J is second from the left end.

D sits second to the right of J and D sits 2nd to the left of H.

J and T are not an immediate neighbour to each other.

So, there are 28 persons sitting in a straight line.

Hence, the option (A) is correct.

3. **Study the following information carefully and answer the questions given below:**

Eight persons were born in four different months- February, April, August and October either 13th or 24th but not necessarily in the same order.

R was born on even date in the month which has 31 days. More than three persons were born between D and R. The number of persons were born before D is same as the number of persons were born after H. No one was born between R and M. Both S and B were born on same date but before August. Not more than two persons were born between P and Q. S was born before Q but not just before.

A. **Which of the following is true?**

I. Three persons were between S and R.

II. M was born in the month which has 30 days.

III. D was born just before S.

A	Only II

B	**Both I and III**

C	Only I

D	Both II and III

E	None is true

Solution

According to the question,

R was born on even date in the month which has 31 days. So, R was born

on either 24th August or 24th October.

More than three persons were born between D and R. So, D was born on either 13th February or 13th April.

The number of persons were born before D is same as the number of persons were born after H. So, H was born on either 24th October or 24th August.

No one was born between R and M.

Not more than two persons were born between P and Q.

Both S and B were born on same date but before August and S was born before Q but not just before. So, S was born on 24th February and B was born on 24th April.

Month	Date	Person
February	13	D
	24	S
April	13	P
	24	B
August	13	Q
	24	R
October	13	M
	24	H

So, I and III statements are true.

Hence, the option (B) is correct.

B. **Four of the following five are alike in a certain way and so form a group. Find the one who does not belong to that group?**

A	D

B	Q

C	M

D	P

E	**H**

Solution

According to the question,

R was born on even date in the month which has 31 days. So, R was born on either 24th August or 24th October.

More than three persons were born between D and R. So, D was born on either 13th February or 13th April.

The number of persons were born before D is same as the number of persons were born after H. So, H was born on either 24th October or 24th August.

No one was born between R and M.

Not more than two persons were born between P and Q.

Both S and B were born on same date but before August and S was born before Q but not just before. So, S was born on 24th February and B was born on 24th April.

Month	Date	Person
February	13	D
	24	S
April	13	P
	24	B
August	13	Q
	24	R
October	13	M
	24	H

So, except H, all the given persons born on 13th of different months.

Hence, the option (E) is correct.

C. **Who was born immediately before Q?**

A **B**

B S

C R

D M

E H

Solution

According to the question,

R was born on even date in the month which has 31 days. So, R was born on either 24th August or 24th October.

More than three persons were born between D and R. So, D was born on either 13th February or 13th April.

The number of persons were born before D is same as the number of persons were born after H. So, H was born on either 24th October or 24th August.

No one was born between R and M.

Not more than two persons were born between P and Q.

Both S and B were born on same date but before August and S was born before Q but not just before. So, S was born on 24th February and B was born on 24th April.

Month	Date	Person
February	13	D
	24	S
April	13	P
	24	B
August	13	Q
	24	R
October	13	M
	24	H

So, B was born immediately before Q.

Hence, the option (A) is correct.

D. How many persons were born between Q and D?

A   4

B   2

C   1

D   **3**

E   5

Solution

According to the question,

R was born on even date in the month which has 31 days. So, R was born on either 24th August or 24th October.

More than three persons were born between D and R. So, D was born on either 13th February or 13th April.

The number of persons were born before D is same as the number of persons were born after H. So, H was born on either 24th October or 24th August.

No one was born between R and M.

Not more than two persons were born between P and Q.

Both S and B were born on same date but before August and S was born before Q but not just before. So, S was born on 24th February and B was born on 24th April.

Month	Date	Person
February	13	D
	24	S
April	13	P
	24	B
August	13	Q
	24	R
October	13	M
	24	H

So, there are three persons born between Q and D.

Hence, the option (D) is correct.

E. **How many persons were born before the one who was born just after P?**

A   **As many persons were born between H and B.**

B   Two

C   As same the number of persons born after R.

D   Five

Solution

According to the question,

R was born on even date in the month which has 31 days. So, R was born on either 24th August or 24th October.

More than three persons were born between D and R. So, D was born on either 13th February or 13th April.

The number of persons were born before D is same as the number of persons were born after H. So, H was born on either 24th October or 24th August.

No one was born between R and M.

Not more than two persons were born between P and Q.

Both S and B were born on same date but before August and S was born before Q but not just before. So, S was born on 24th February and B was born on 24th April.

Month	Date	Person
February	13	D
	24	S
April	13	P
	24	B
August	13	Q
	24	R
October	13	M
	24	H

So, As many persons were born between H and B were born before the one who was born just after P.

Hence, the option (A) is correct.

4. **Study the following information carefully and answer the questions given below:**

Seven family members are living in a family. A and C are only sisters of B. H is the father of B. M is married to H. B is married to V. V has no siblings. R is paternal grandfather of B. M has only three children. V is not a son in law of M.

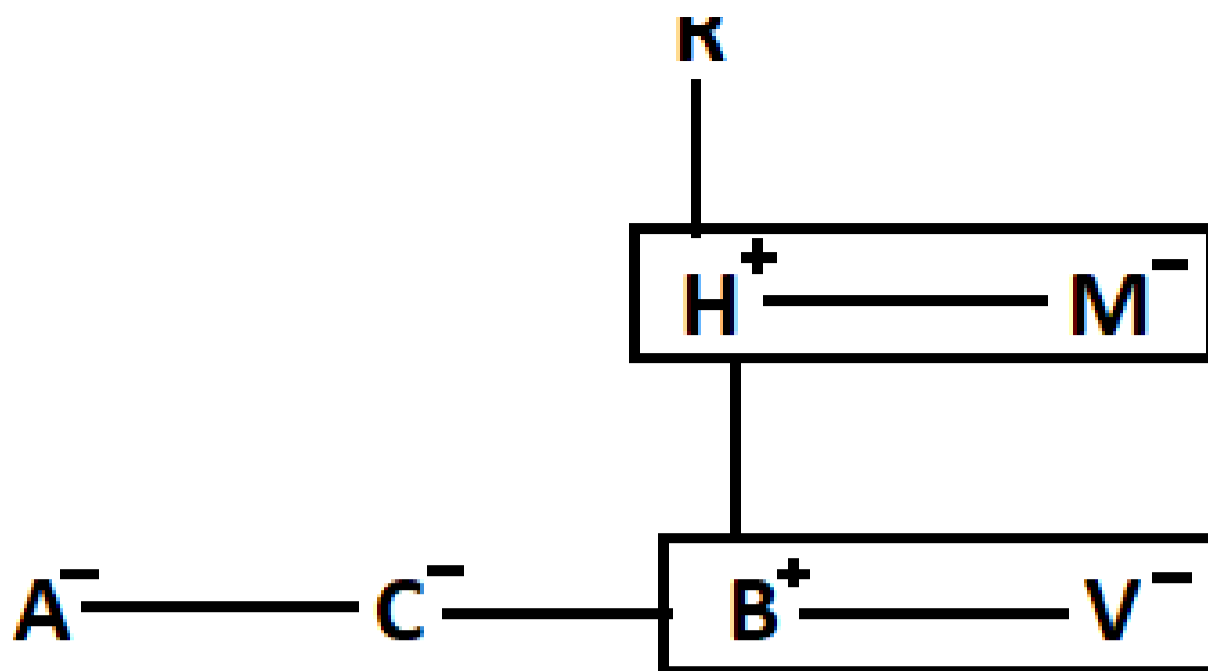A. **How many females are living in the family?**

A	Two

B	**Four**

C	More than four

D	Three

E	None of these

Solution

According to the question,

R

$$H^+ \text{————} M^-$$

$$A^- \text{————} C^- \text{————} \boxed{B^+ \text{————} V^-}$$

In the above family tree, "+" represents male, "-" represents female and "rectangle" represents the married couple.

In simple terms,

A and C are only sisters of B.

H is the father of B. So, H is father of A, C and B.

M is married to H. So, M is wife of H.

B is married to V and V has no siblings.

M has only three children.

V is not a son in law of M. So, V is daughter-in-law of M and B is son of M.

R is paternal grandfather of B.

So, there are four females living in the family.

Hence, the option (B) is correct.

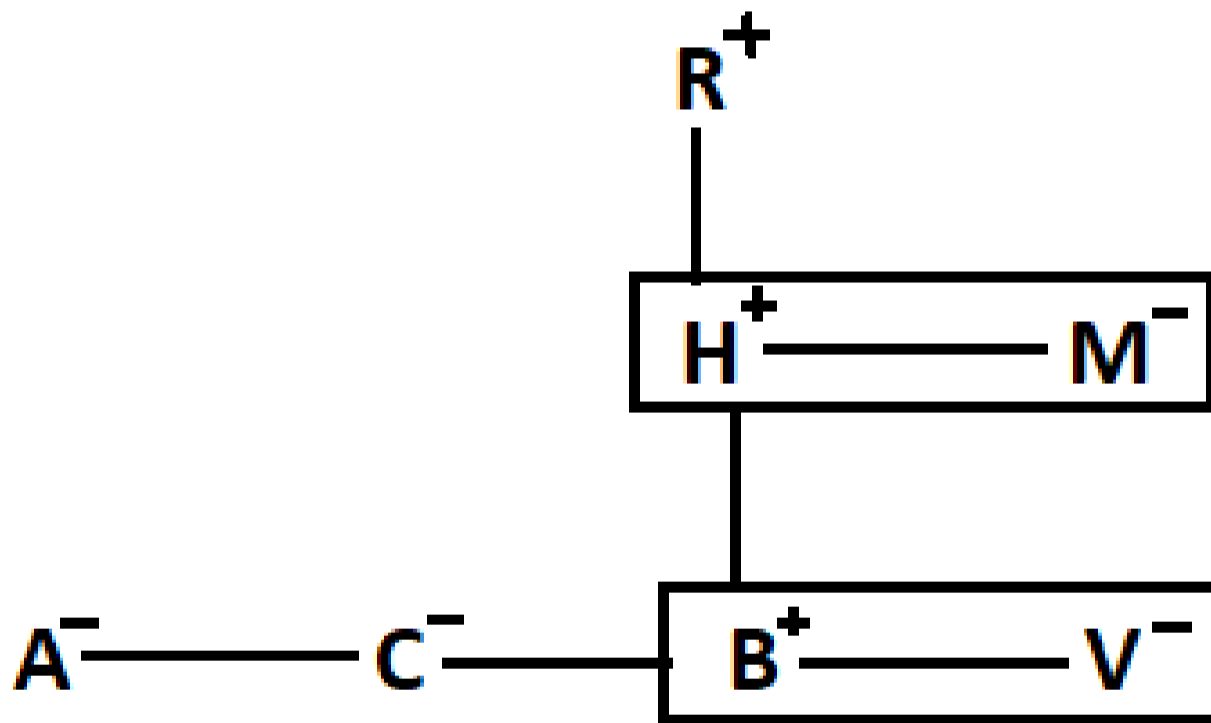**B. How is M related to R?**

A   Daughter

C   **Daughter-in-law**

D   Mother

E   Wife

Solution

According to the question,

In the above family tree, "+" represents male, "-" represents female and "rectangle" represents the married couple.

In simple terms,

A and C are only sisters of B.

H is the father of B. So, H is father of A, C and B.

M is married to H. So, M is wife of H.

B is married to V and V has no siblings.

M has only three children.

V is not a son in law of M. So, V is daughter-in-law of M and B is son of M.

R is paternal grandfather of B.

So, M is daughter-in-law of R.

Hence, the option (C) is correct.

5. **Study the following information carefully and answer the questions given below:**

Six jar A, B, C, D, E and F are filled with different quantity of water in litre in integer numbers. The jar filled with 15 litre of water is just more water to jar E. The box with maximum quantity has 33 litres of water. Jar D has more water to jar B but not more as jar C. Jar F has more water to jar E but not more as jar A, which has less quantity of water to jar D. Jar B has more quantity of water than the jar filled with 15 litres of water.

Volume of water is calculated in litre.

A. **How many jars have fewer water to jar A?**

> A   One

> B   Two

C	Four

D	Three

E	**Can't be determined**

Solution

According to the question,

The jar filled with 15 litre of water is just more water to jar E.

15 litre > E

The box with maximum quantity has 33 litres of water.

Jar D has more water to jar B but not more as jar C.

C > D > B

Jar F has more water to jar E but not more as jar A, which has less quantity of water to jar D.

D > A > F > E

Jar B has more quantity of water than the jar filled with 15 litres of water.

B > 15 litre

Combining all the statements-

C (33 litre) > D > A/B > A/B > F (15 litre) > E

So, either 2 or 3 jars have fewer water to jar A.

Hence, the option (E) is correct.

B. **If jar B has 10 litres more water to jar F then, what is the sum of the quantity of water in Jar B and Jar C?**

A   57 litres

B   56 litres

C   51 litres

D   47 litres

E   **None of these**

Solution

According to the question,

The jar filled with 15 litre of water is just more water to jar E.

15 litre > E

The box with maximum quantity has 33 litres of water.

Jar D has more water to jar B but not more as jar C.

C > D > B

Jar F has more water to jar E but not more as jar A, which has less quantity of water to jar D.

D > A > F > E

Jar B has more quantity of water than the jar filled with 15 litres of water.

B > 15 litre

Combining all the statements-

C (33 litre) > D > A/B > A/B > F (15 litre) > E

If jar B has 10 litres more water to jar F.

F = 15 litres

B = 25 litres

Then, sum of the quantity of water in Jar B and Jar C = 25 + 33 = 58 litres

Hence, the option (E) is correct.

C. **If box A has 16 litres of water then, what may be the possible quantity of water in jar D?**

A **25 litres**

B 9 litres

C 12 litres

D 35 litres

E 16 litres

According to the question,

The jar filled with 15 litre of water is just more water to jar E.

15 litre > E

The box with maximum quantity has 33 litres of water.

Jar D has more water to jar B but not more as jar C.

C > D > B

Jar F has more water to jar E but not more as jar A, which has less quantity of water to jar D.

D > A > F > E

Jar B has more quantity of water than the jar filled with 15 litres of water.

B > 15 litre

Combining all the statements-

C (33 litre) > D > A/B > A/B > F (15 litre) > E

If box A has 16 litres of water then the possible quantity of water in Jar D has 25 litres.

Hence, the option (A) is correct.

D. If jar D has twice quantity to Jar F then, what is exact quantity of water in jar D?

A   66 litres

B   22 litres

D   **30 litres**

Solution

According to the question,

The jar filled with 15 litre of water is just more water to jar E.

15 litre > E

The box with maximum quantity has 33 litres of water.

Jar D has more water to jar B but not more as jar C.

C > D > B

Jar F has more water to jar E but not more as jar A, which has less quantity of water to jar D.

D > A > F > E

Jar B has more quantity of water than the jar filled with 15 litres of water.

B > 15 litre

Combining all the statements-

C (33 litre) > D > A/B > A/B > F (15 litre) > E

If jar D has twice quantity to Jar F then, the quantity of D has 30 litre.

Hence, the option (D) is correct.