

Seating Arrangement - Solved Examples

Question: Study the given information carefully and answer the following question. Eight men A, B, C, D, E, F, G and H are sitting around a circular table facing the centre for having their lunch.

- (1) G is not an immediate neighbor of C.
- (2) A is third to the right of C.
- (3) E is second to the left of C.
- (4) C is second to the left of B.
- (5) F is second to the left of D.
- (6) A is second to the left of F.

Q 1 – Who is sitting to the immediate right of C?

Options :

A - G

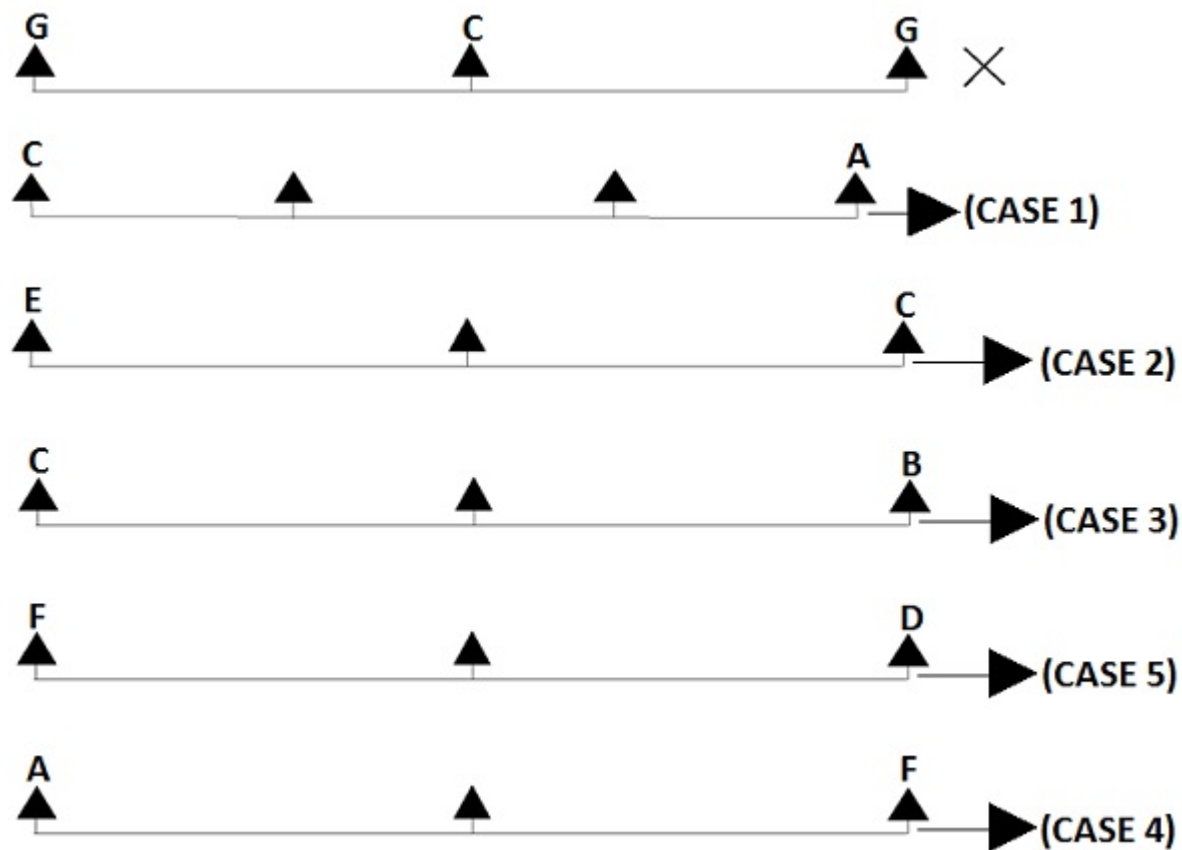
B - F

C - D

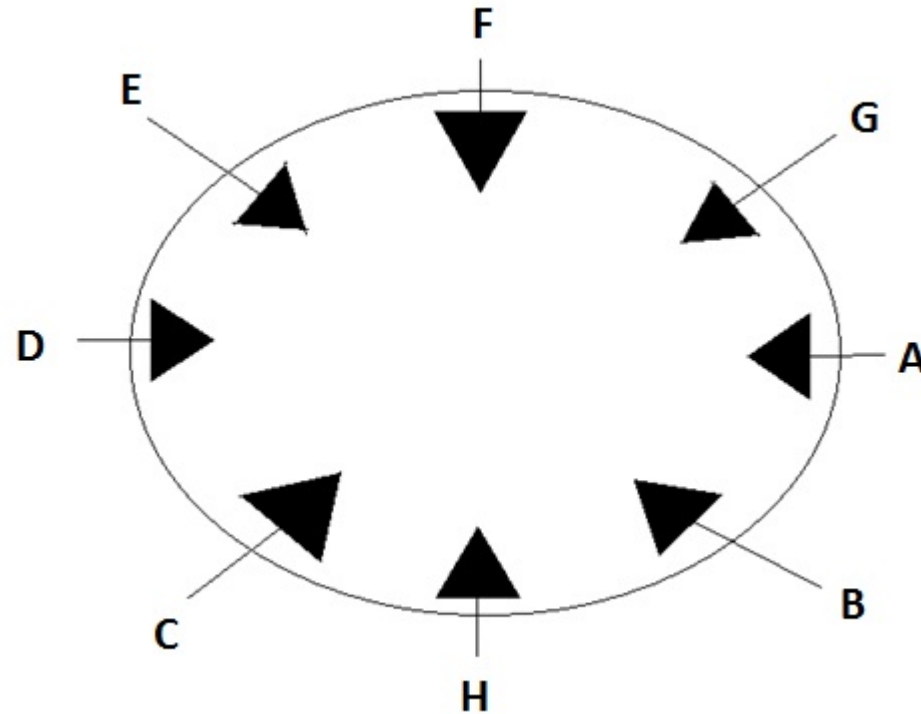
D - H

Answer - D

Explanation



By applying (CASE 1), (CASE 2), (CASE 3), (CASE 4) and (CASE 5), we get



By observing the diagram, we can clearly say that H is sitting to the immediate right of C.

Question: Study the given information carefully and answer the following question. Eight men A, B, C, D, E, F, G and H are sitting around a circular table facing the centre for having their lunch.

- (1) G is not an immediate neighbor of C.
- (2) A is third to the right of C.
- (3) E is second to the left of C.
- (4) C is second to the left of B.
- (5) F is second to the left of D.
- (6) A is second to the left of F.

Q 2 – Who is sitting to the immediate left of H?

Options :

A - E

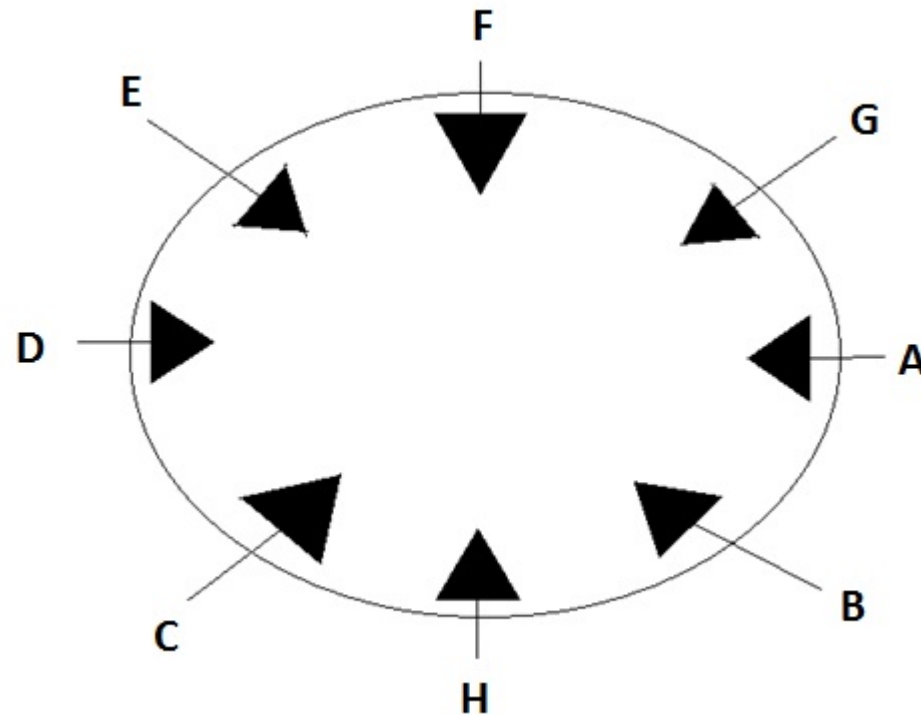
B - G

C - A

D - C

Answer - D

Explanation - According to the diagram



By observing the diagram, we can conclude that C is sitting to the immediate left of H.

Question: Study the given information carefully and answer the following question. Eight men A, B, C, D, E, F, G and H are sitting around a circular table facing the centre for having their lunch.

- (1) G is not an immediate neighbor of C.
- (2) A is third to the right of C.
- (3) E is second to the left of C.
- (4) C is second to the left of B.
- (5) F is second to the left of D.
- (6) A is second to the left of F.

Q 3 – What is the position of D with respect to H?

Options :

A - Third to the left.

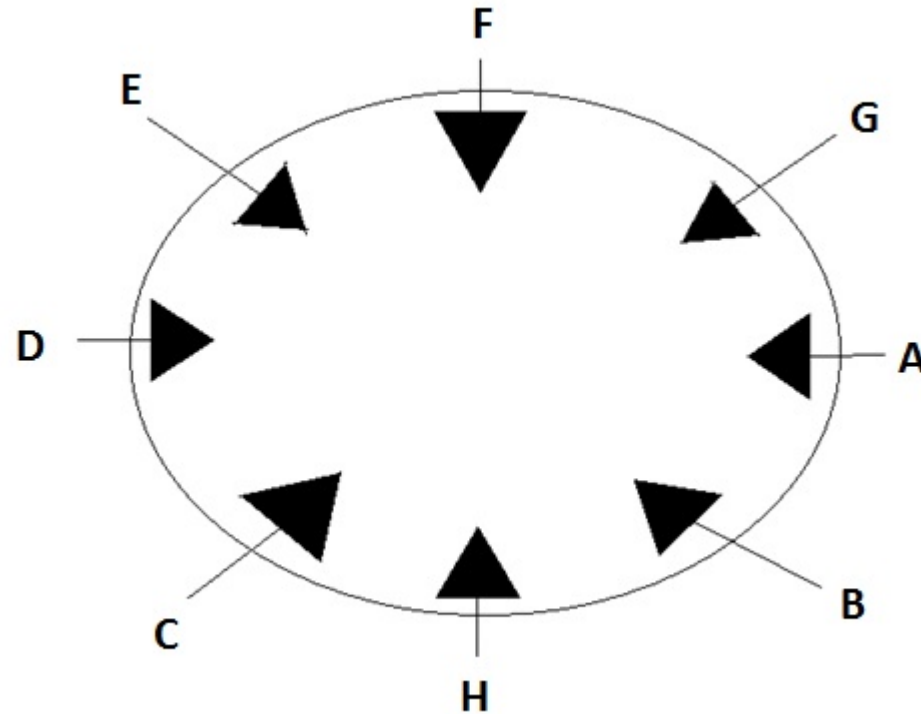
B - Second to the left.

C - Immediate next.

D - Fifth to the left.

Answer - B

Explanation - According to the diagram



To the immediate left of H, C is sitting and in the second left position D is sitting. So the position of D is second to the left of H.

Question: Study the given information carefully and answer the following question. Eight men A, B, C, D, E, F, G and H are sitting around a circular table facing the centre for having their lunch.

- (1) G is not an immediate neighbor of C.
- (2) A is third to the right of C.
- (3) E is second to the left of C.
- (4) C is second to the left of B.
- (5) F is second to the left of D.
- (6) A is second to the left of F.

Q 4 – Which of the following statements is true?

Options :

A - H is sitting between A and G.

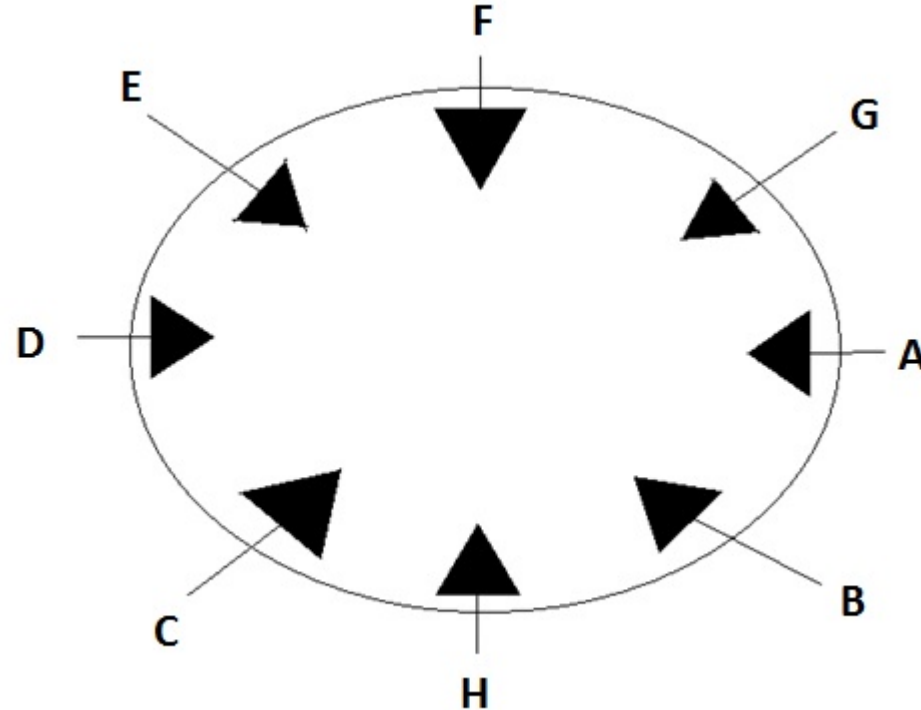
B - H is to the immediate left of F.

C - D is sitting fifth to the left of H.

D - H is sitting between C and B.

Answer - D

Explanation - According to the diagram



By observing the diagram, we can conclude that (A), (B) and (C) do not satisfy the given sitting arrangement in the diagram. But option (D) does.

Question: Study the given information carefully and answer the following question. Eight men A, B, C, D, E, F, G and H are sitting around a circular table facing the centre for having their lunch.

- (1) G is not an immediate neighbor of C.
- (2) A is third to the right of C.
- (3) E is second to the left of C.
- (4) C is second to the left of B.
- (5) F is second to the left of D.
- (6) A is second to the left of F.

Q 5 – Which of the following is the first person sitting between the second and third person?

Options :

A - ABG

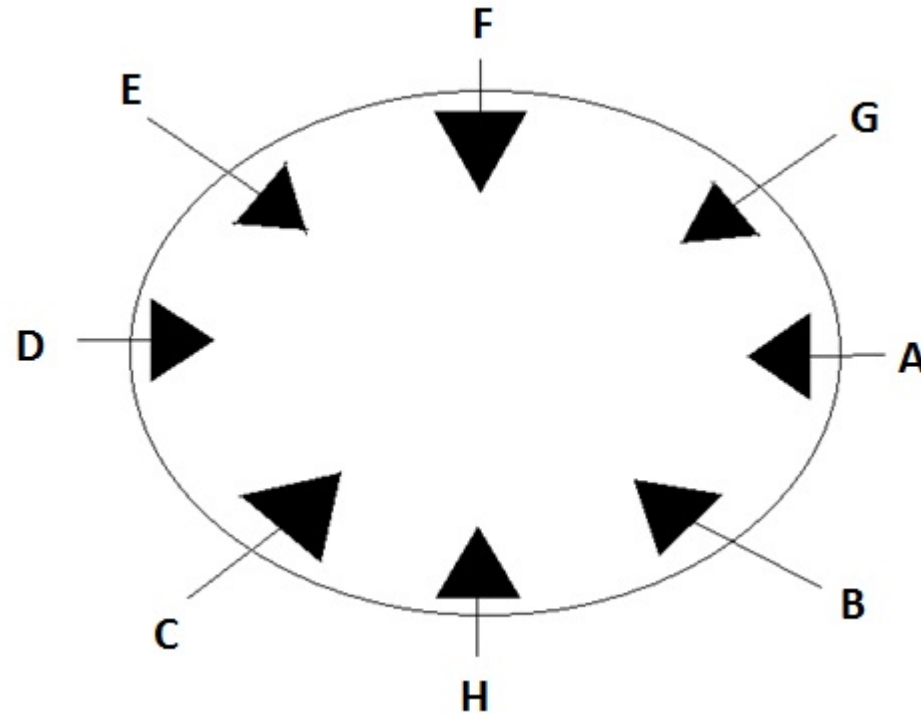
B - DCH

C - CHB

D - FED

Answer - A

Explanation - According to the diagram



By observing the sitting arrangement, we can say that option (A) satisfies the condition. A is sitting between the second person B and third person G which is our required answer.

Question: Study the given information carefully and answer the following question. Eight men A, B, C, D, E, F, G and H are sitting around a circular table facing the centre for having their lunch.

- (1) G is not an immediate neighbor of C.
- (2) A is third to the right of C.
- (3) E is second to the left of C.
- (4) C is second to the left of B.
- (5) F is second to the left of D.
- (6) A is second to the left of F.

Q 6 – Among the eight men which two men are not neighbor?

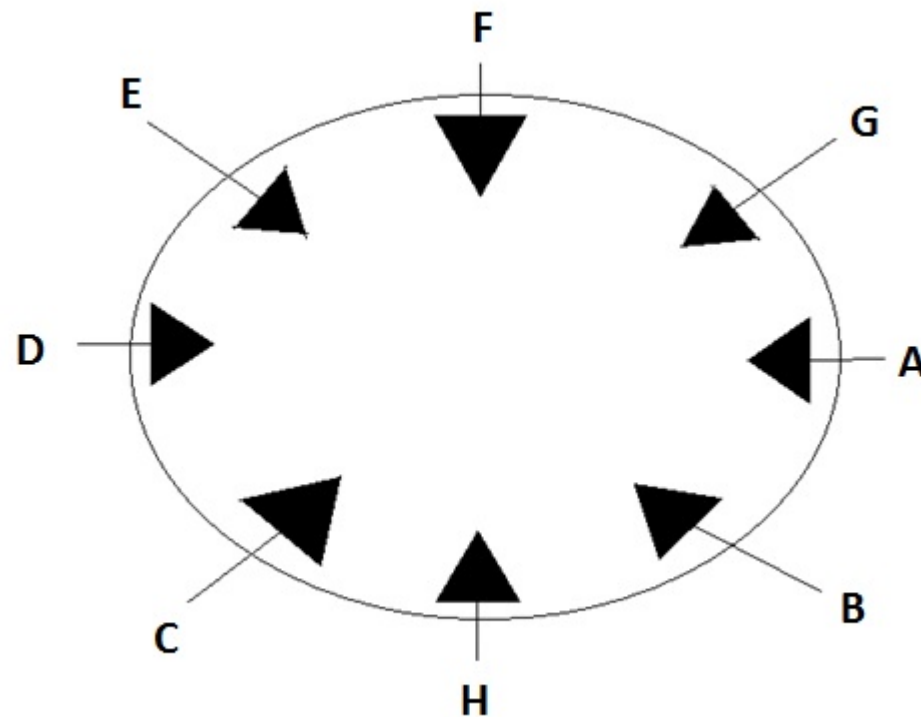
Options :

A - CH

B - BA

C - DA

D - EF

Answer - C**Explanation** - According to the diagram

By observing the diagram, we can conclude that D and A are not neighbor. Rather D is sitting fourth to the left of A if counted in clockwise direction.

Question: Study the given information carefully and answer the following question.

Nine girls A, B, C, D, E, F, G, H and I are seated in a row for watching movie. D is sitting second to the right of E and C is sitting third to the right of E. B is sitting at one end of the row. H is sitting between F and G. B is sitting third to the right of F. F is sitting to the immediate right of A?

Q 7 – What is the position of I?

Options :

A - To the immediate right of B.

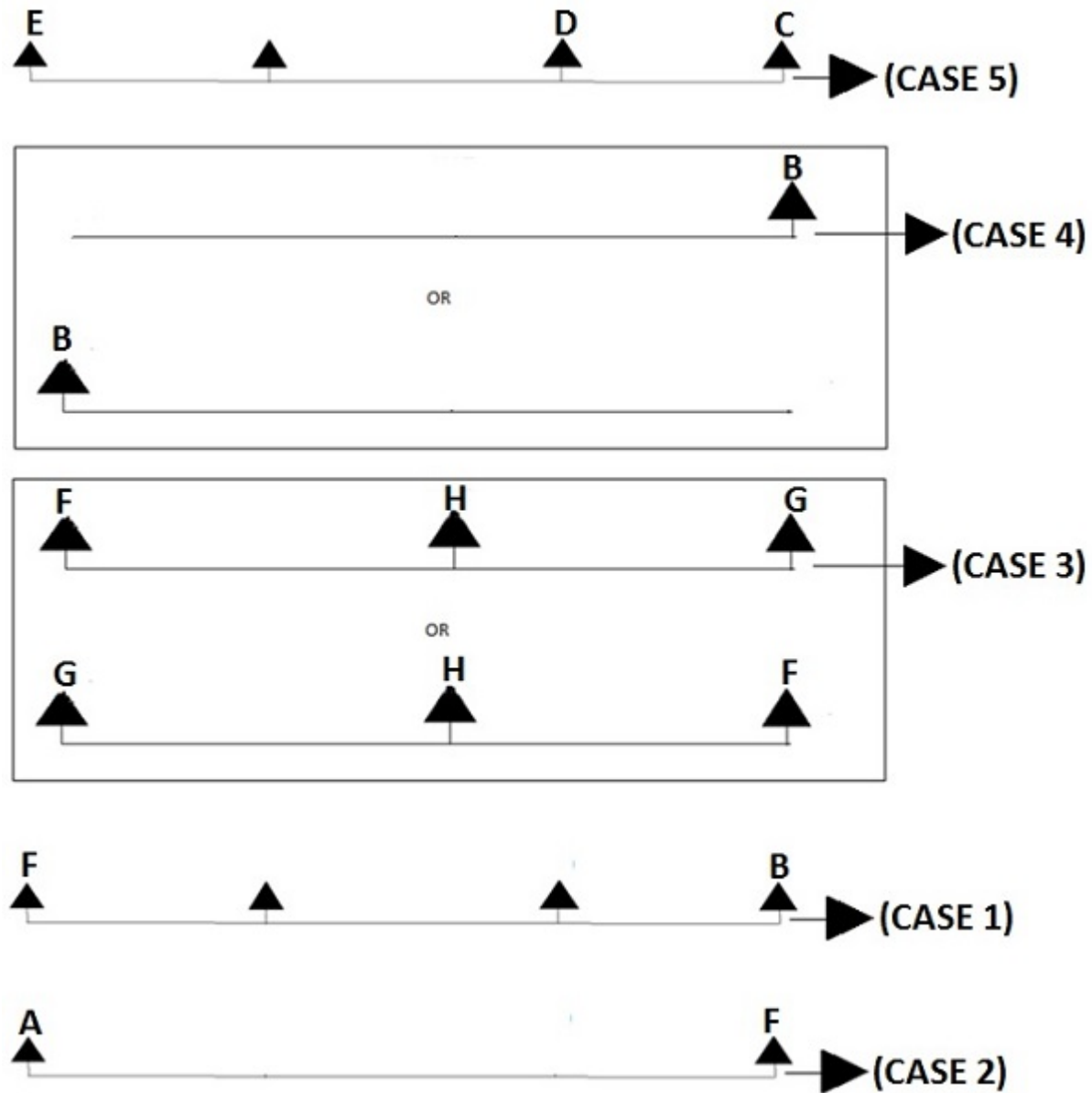
B - To the immediate left of G.

C - Sitting between A and H.

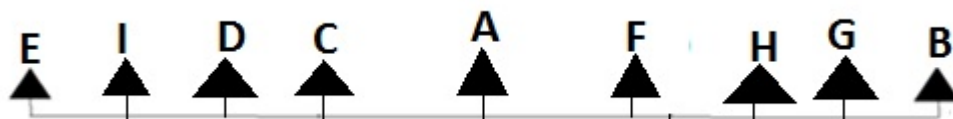
D - Sitting between E and D.

Answer - D

Explanation



By applying (CASE 1), (CASE 2), (CASE 3), (CASE 4) and (CASE 5), we get the following sitting arrangements.



By observing the diagram, one can clearly say that I is sitting between E and D.

Question: Study the given information carefully and answer the following question.

Nine girls A, B, C, D, E, F, G, H and I are seated in a row for watching movie. D is sitting second to the right of E and C is sitting third to the right of E. B is sitting at one end of the row. H is sitting between F and G. B is sitting third to the right of F. F is sitting to the immediate right of A?

Q 8 – Which of the following is the first girl sitting between the second and the third girl?

Options :

A - GHB

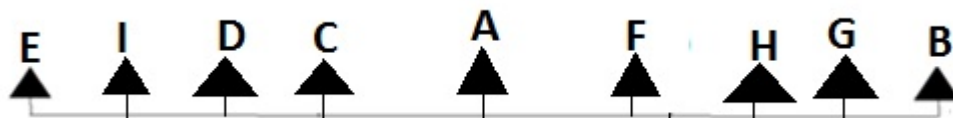
B - CAF

C - EID

D - DAC

Answer - A

Explanation - According to the diagram



Here in the option (A), the first girl G is sitting between the second girl H and the third girl B. So our required answer is GHB.

Question: Study the given information carefully and answer the following question.

Nine girls A, B, C, D, E, F, G, H and I are seated in a row for watching movie. D is sitting second to the right of E and C is sitting third to the right of E. B is sitting at one end of the row. H is sitting between F and G. B is sitting third to the right of F. F is sitting to the immediate right of A?

Q 9 – Which of the following pairs represents the immediate neighbors of A?

Options :

A - EI

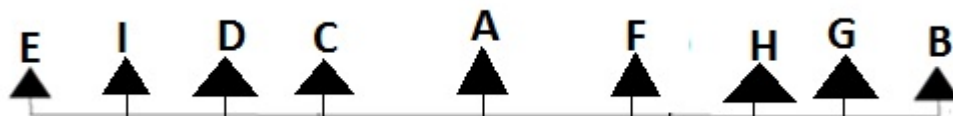
B - CF

C - GB

D - DI

Answer - B

Explanation - According to the diagram



A is sitting between the two girls C and F. Therefore our required answer goes to the pair CF.

Question: Study the given information carefully and answer the following question.

Nine girls A, B, C, D, E, F, G, H and I are seated in a row for watching movie. D is sitting second to the right of E and C is sitting third to the right of E. B is sitting at one end of the row. H is sitting between F and G. B is sitting third to the right of F. F is sitting to the immediate right of A?

Q 10 – Who is sitting to the right of E?

Options :

A - A

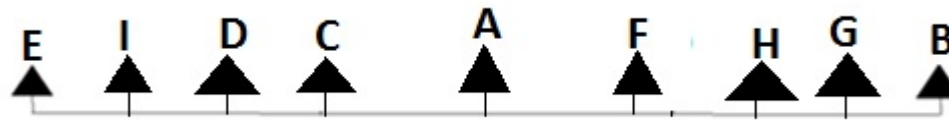
B - B

C - I

D - G

Answer - C

Explanation - According to the diagram



It is clear that the girl I is sitting to the immediate right of E. Therefore our required answer is option C.

Question: Study the given information carefully and answer the following question.

Nine girls A, B, C, D, E, F, G, H and I are seated in a row for watching movie. D is sitting second to the right of E and C is sitting third to the right of E. B is sitting at one end of the row. H is sitting between F and G. B is sitting third to the right of F. F is sitting to the immediate right of A?

Q 11 – Which girl is sitting exactly in the middle of the all girls?

Options :

A - A

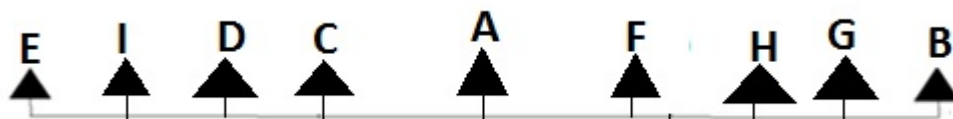
B - B

C - E

D - None of these

Answer - A

Explanation - According to the diagram



There are total nine girls. From the nine girls, four girls which are E, I, D and C are sitting to the left of A and F, H, G and B are the other four girls sitting to the right of A. Therefore A sits on the middle of all the girls.

Question: Study the given information carefully and answer the following question.

Nine girls A, B, C, D, E, F, G, H and I are seated in a row for watching movie. D is sitting second to the right of E and C is sitting third to the right of E. B is sitting at one end of the row. H is sitting between F and G. B is sitting third to the right of F. F is sitting to the immediate right of A?

Q 12 – How many girls are seated between E and H?

Options :

A - Three

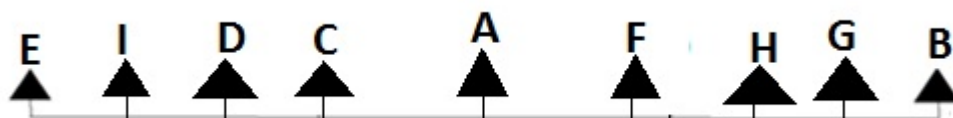
B - Four

C - Five

D - Six

Answer - C

Explanation - According to the diagram



Five girls I, D, C, A, and F are sitting between E and H.