



Date : 26th Dec 2023

Special Question - Logical Reasoning

English

Direction 1 - 5 : Read the information carefully and answer the following questions.

Eight persons namely A, B, G, H, K, L, M, and N are sitting around a circular table facing the centre of the table but not necessarily in the same order. All of them are of different ages viz. 22 years, 24 years, 63 years, 49 years, 56 years, 21 years, 32 years, and 36 years.

The oldest person sits third to the left of the youngest person. B is an immediate neighbour of the youngest person. N sits second to the left of B. N is not the immediate neighbour of the youngest person. Three persons sit between N and M, whose age is 56 years. K sits second to the right of L. Neither K nor L's age is not 21 years. The one whose age is 24 years sits opposite to H. H sits on the immediate left of K. G's age is not 21 years. The one whose age is square of 7 sits opposite to G. Neither G nor H's age is a perfect square. H age is not a multiple of eleven.

Q:1 Who is sitting opposite to K?

1. M
2. N
3. B
5. None of these

Q:2 What is the age of H?

1. 22 years
2. 24 years
3. 36 years
5. None of these

Q:3 What is the sum of the ages of K and G?

1. 52 Years
2. 64 years
3. 70 years
5. 58 years

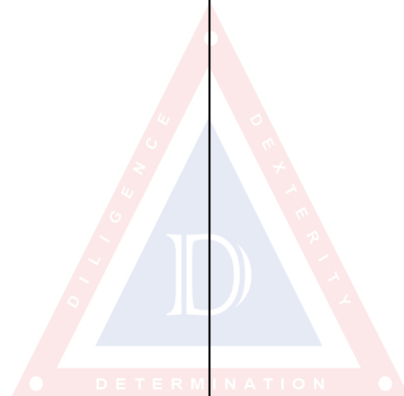
Q:4 How many persons have less age than L?

1. Three
2. Four
3. Five
5. Two

Q:5 How many persons sit between B and L, when counted from the left of B?

1. Four

2. Five
3. Six
5. None of these



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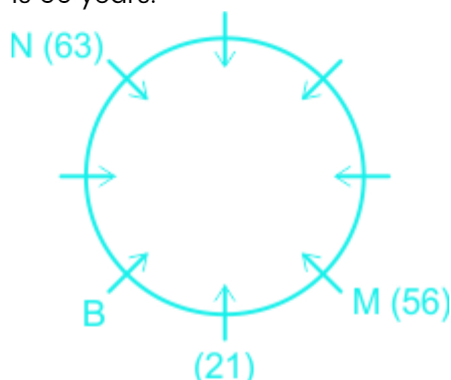
Answer Key

1. (4) 2. (4) 3. (5) 4. (3) 5. (1)

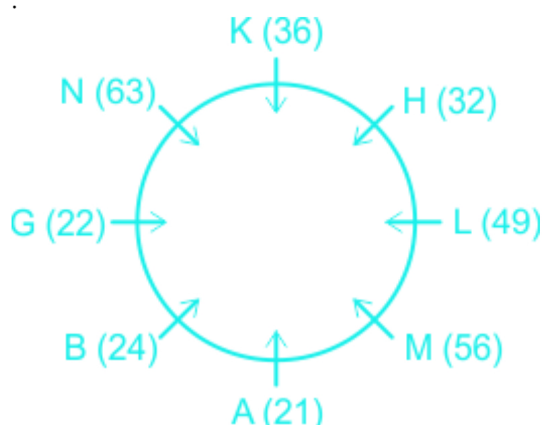
Answers and Solutions

Q:1 The correct answer is **Option 4** i.e **A**

- 1) The oldest person sits third to the left of the youngest person.
- 2) B is an immediate neighbor of the youngest person.
- 3) N sits second to the left of B. N is not the immediate neighbor of the youngest person.
- 4) Three persons sit between N and M, whose age is 56 years.



- 5) K sits second to the right of L
- 6) Neither K nor L's age is not 21 years. The one whose age is 24 years sits opposite to H
- 7) H sits immediate left of K.
- 8) G's age is not 21 years. The one whose age is square of 7 sits opposite to G.
- 9) Neither G nor H age is a perfect square.
- 10) H age is not a multiple of eleven.



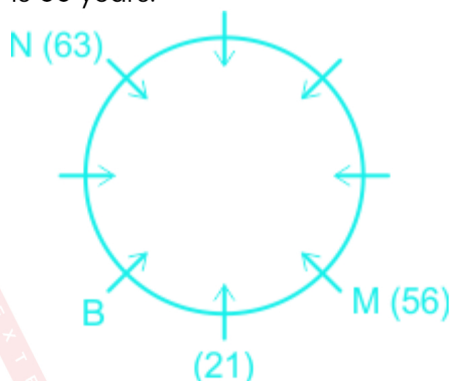
Now we have our final arrangement.

Clearly, A sits opposite to K.

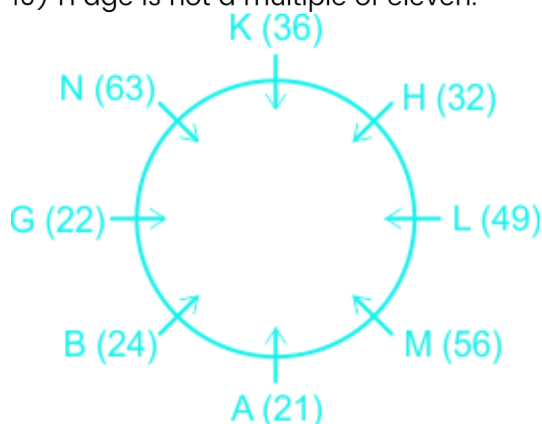
Hence, the correct answer is **A**.

Q:2 The correct answer is **Option 4** i.e **32 years**

- 1) The oldest person sits third to the left of the youngest person.
- 2) B is an immediate neighbor of the youngest person.
- 3) N sits second to the left of B. N is not the immediate neighbor of the youngest person.
- 4) Three persons sit between N and M, whose age is 56 years.



- 5) K sits second to the right of L
- 6) Neither K nor L's age is not 21 years. The one whose age is 24 years sits opposite to H
- 7) H sits immediate left of K.
- 8) G's age is not 21 years. The one whose age is square of 7 sits opposite to G.
- 9) Neither G nor H age is a perfect square.
- 10) H age is not a multiple of eleven.



Now we have our final arrangement.

Clearly, H's age is 32 years.

Hence, the correct answer is **32 years**.

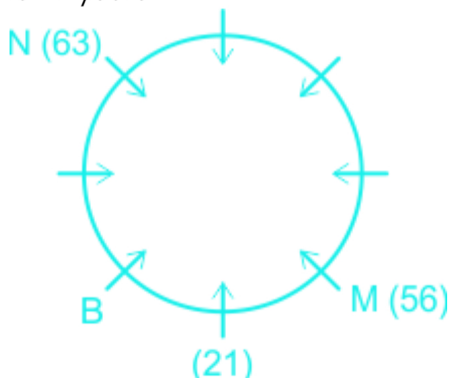
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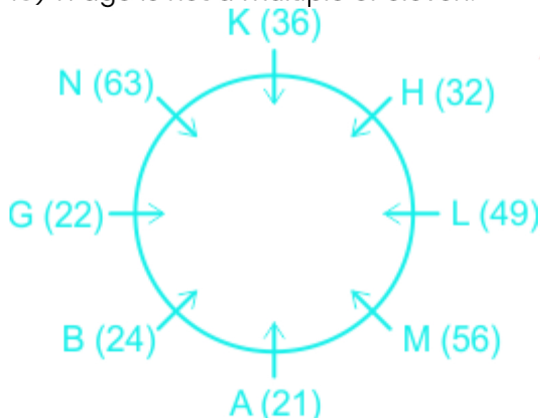
English

Q:3 The correct answer is **Option 5** i.e **58 years**

- 1) The oldest person sits third to the left of the youngest person.
- 2) B is an immediate neighbor of the youngest person.
- 3) N sits second to the left of B. N is not the immediate neighbor of the youngest person.
- 4) Three persons sit between N and M, whose age is 56 years.



- 5) K sits second to the right of L
- 6) Neither K nor L's age is not 21 years. The one whose age is 24 years sits opposite to H
- 7) H sits immediate left of K.
- 8) G's age is not 21 years. The one whose age is square of 7 sits opposite to G.
- 9) Neither G nor H age is a perfect square.
- 10) H age is not a multiple of eleven.



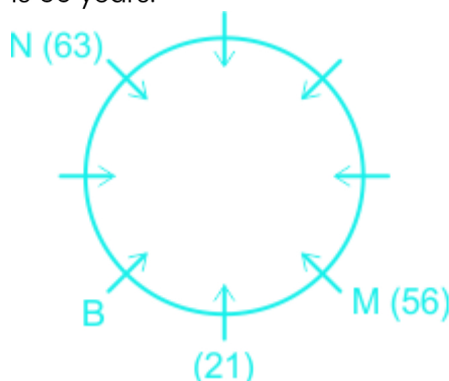
Now we have our final arrangement.
Clearly, the sum of K's and G's ages is $(36 + 22) = 58$ years.
Hence, the correct answer is **58 years**.

Q:4 The correct answer is **Option 3** i.e **Five**

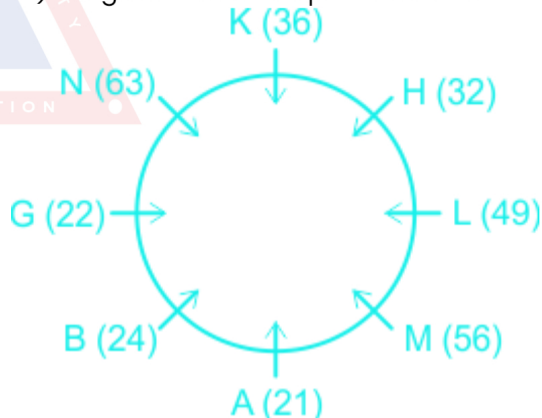
- 1) The oldest person sits third to the left of the

youngest person.

- 2) B is an immediate neighbor of the youngest person.
- 3) N sits second to the left of B. N is not the immediate neighbor of the youngest person.
- 4) Three persons sit between N and M, whose age is 56 years.



- 5) K sits second to the right of L
- 6) Neither K nor L's age is not 21 years. The one whose age is 24 years sits opposite to H
- 7) H sits immediate left of K.
- 8) G's age is not 21 years. The one whose age is square of 7 sits opposite to G.
- 9) Neither G nor H age is a perfect square.
- 10) H age is not a multiple of eleven.



Now we have our final arrangement.
Clearly, five persons have less age than L.
Hence, the correct answer is **Five**.

Q:5 The correct answer is **Option 1** i.e **Four**

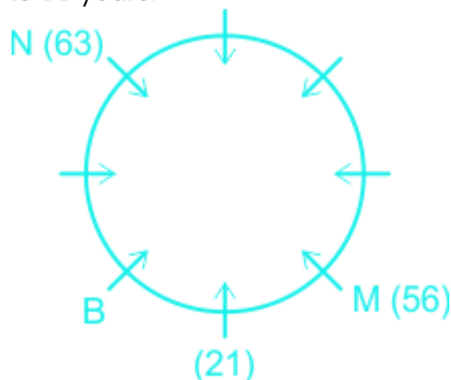
- 1) The oldest person sits third to the left of the youngest person.
- 2) B is an immediate neighbor of the youngest person.

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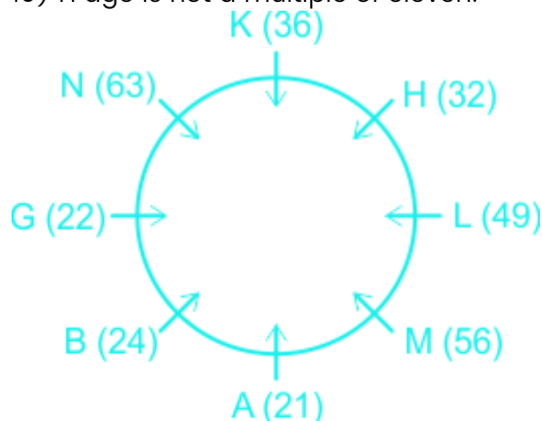
Special Question - Logical Reasoning

English

- 3) N sits second to the left of B. N is not the immediate neighbor of the youngest person.
4) Three persons sit between N and M, whose age is 56 years.



- 5) K sits second to the right of L
6) Neither K nor L's age is not 21 years. The one whose age is 24 years sits opposite to H
7) H sits immediate left of K.
8) G's age is not 21 years. The one whose age is square of 7 sits opposite to G.
9) Neither G nor H age is a perfect square.
10) H age is not a multiple of eleven.



Now we have our final arrangement.
Clearly, four persons sit between B and L, when counted from the left of B.
Hence, the correct answer is **Four**.