





# ***SBI, IBPS, RRB PO / CLERK***



## **Puzzle Series**

**Circumference**

**Based** *Prelims*

**Circular Arrangement**



**LIVE**   
**6:30 PM**



# IBPS RRB 2021



4 घंटे लगातार

# महा मैराथन

25 जुलाई

10 AM

• LIVE

Reasoning / Quantitative Aptitude





आठ व्यक्ति A, B, C, D, E, F, G और H एक वृत्ताकार मेज पर केंद्र की ओर मुख करके बैठे हैं। सभी व्यक्ति वृत्ताकार मेज की परिधि पर उनके बीच समान दूरी पर बैठे हैं। वृत्त की त्रिज्या (r) 70m है और वृत्त की परिधि  $2\pi r$  है, जहाँ  $\pi = 22/7$  है। दूरियों को केवल वृत्ताकार मेज की परिधि पर ही माना जाता है।

A, H से 110 मीटर दूर बैठा है। B, E के दायें से दूसरे स्थान पर बैठा है, जो H का निकटतम पड़ोसी नहीं है। G, E के दायें से 55 मीटर दूर बैठा है। C और D एक दूसरे के विपरीत बैठे हैं। D, F के बायें 110मी बैठा है। B, A का निकटतम पड़ोसी नहीं है।

Eight persons A, B, C, D, E, F, G and H are sitting in circular table facing center. All the persons are sitting along the circumference of the circular table at an equal distance between them. The radius(r) of the circle is 70m and the circumference of the circle is  $2\pi r$ , where  $\pi = 22/7$ . Distances are considered only on the circumference of the circular table.

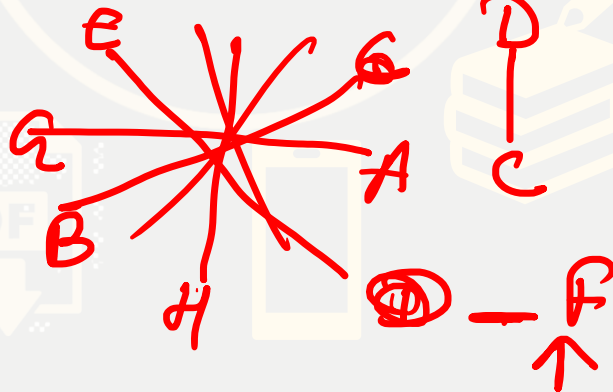
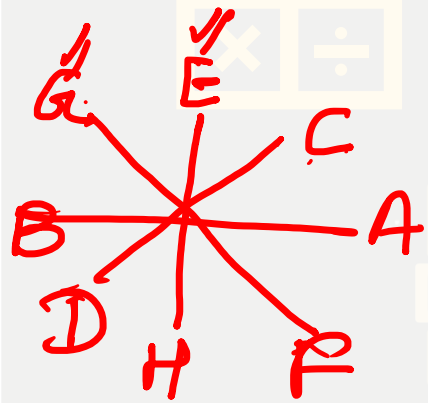
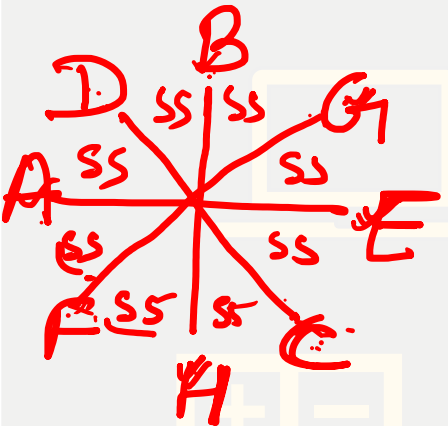
A sits 110m away from H. B sits second to the right of E who is not an immediate neighbour of H. G sits 55m away from the right of E. C and D sits opposite to each other. D sits 110m to the left of F. B is not an immediate neighbour of A.

5:00



$$\text{Circumference} = 2 \times \frac{22}{7} \times 70 = 440$$

$$= \underline{\underline{55}}$$



A ① H E — B  
x4 ↑ xA

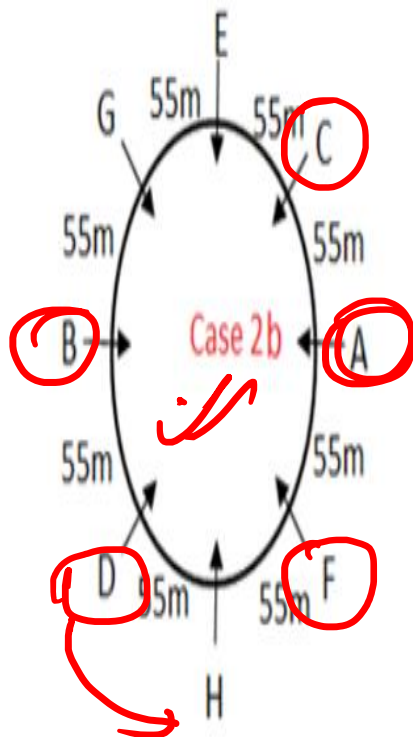
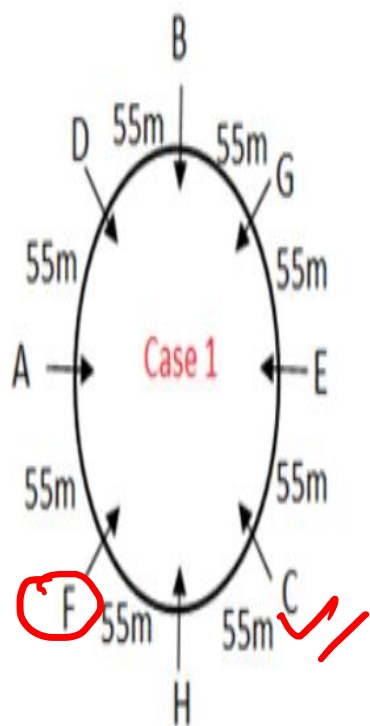
E G  
↑

D  
C

① — F  
↑

Eight persons A, B, C, D, E, F, G and H are sitting in circular table facing center. All the persons are sitting along the circumference of the circular table at an equal distance between them. The radius( $r$ ) of the ~~circle~~ is 70m and the circumference of the circle is  $2\pi r$ , where  $\pi = 22/7$ . Distances are considered only on the circumference of the circular table.

A sits 110m away from H. B sits second to the right of E who is not an immediate neighbour of H. G sits 55m away from the right of E. C and D sits opposite to each other. D sits 110m to the left of F. B is not an immediate neighbour of A.

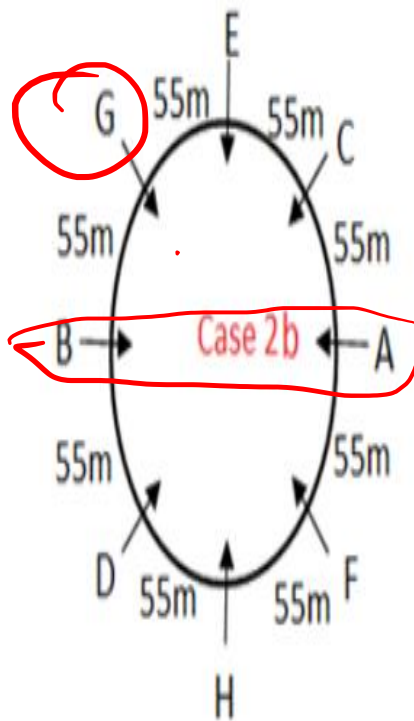
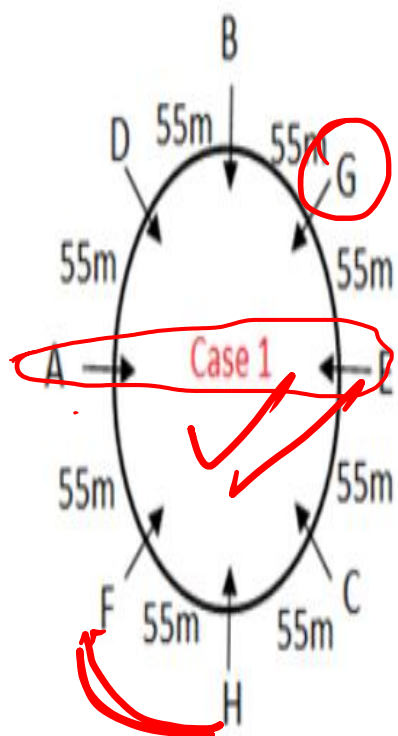


1. If A and B are sitting opposite to each other, then who sits Immediate right of D?

1. B
2. C
3. E
4. H
5. None of these

2. Who sits second to the right of F?

1. A
2. B
3. C
4. E
5. None of these



**3. Which of the following statement(s) is/are correct?**

- i) G and F are sitting opposite to each other ✓
  - ii) If A and E are sitting opposite to each other, then H sits immediate left of F ✓
- 1. Only (i) ✓
  - 2. Only (ii)
  - 3. Both (i) and (ii)
  - 4. Data insufficient
  - 5. Both (i) and (ii) are incorrect

**4. Who sits immediate left of B?**

- 1. E
- 2. G ✓
- 3. A
- 4. D
- 5. None of these

1, 2



आठ वैज्ञानिक अशोक, बर्नर, शिन्या, जेन, नोम, एलन, जेम्स और ब्लैकबर्न एक वर्गाकार मेज पर केंद्र की ओर मुख करके बैठे हैं, उनमें से चार वर्गाकार मेज के कोने पर बैठे हैं और शेष चार व्यक्ति बीच में बैठे हैं। वर्गाकार मेज की भुजाओं में से। सभी व्यक्ति वर्गाकार मेज की परिधि पर उनके बीच समान दूरी पर बैठे हैं। वर्ग का परिमाण 320m है और वर्ग का परिमाण  $4a$  है, जहाँ  $a$  वर्ग की भुजा है। दूरियों को केवल वर्गाकार मेज की परिधि पर ही माना जाता है।

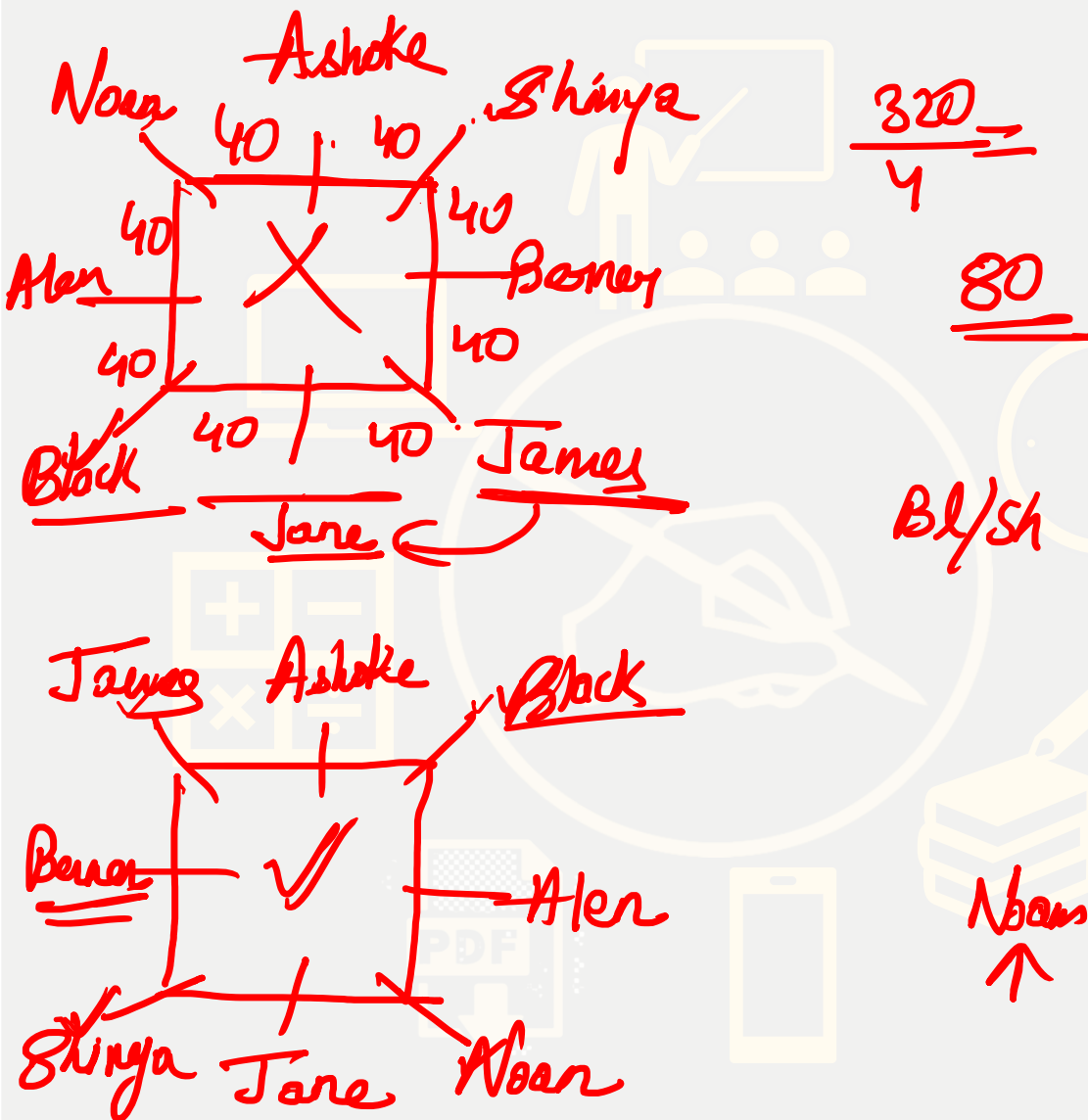
बर्नर जेन से 80 मीटर दूर बैठता है जो मेज के किसी भी कोने पर नहीं बैठता है। जेन और अशोक के बीच तीन व्यक्ति बैठे हैं। नोआम मेज के कोने पर बैठा है और एलन नोआम के दायें 40मी बैठता है। ब्लैकबर्न और शिन्या एक दूसरे के विपरीत बैठे हैं। एलन, शिन्या का निकटतम पड़ोसी नहीं है। जेन, जेम्स के ठीक बायें नहीं बैठा है।

**5:00**

Eight scientists Ashoke, Berner, Shinya, Jane, Noam, Alan, James, and Blackburn are sitting in a square table facing center, such that four of them are sitting at the corner of the square table and remaining four persons are sitting in the middle of the sides in the square table. All the persons are sitting along the perimeter of the square table at an equal distance between them. The perimeter of the square is 320m and the perimeter of the square is  $4a$ , where  $a$  is the side of the square. Distances are considered only on the perimeter of the square table.

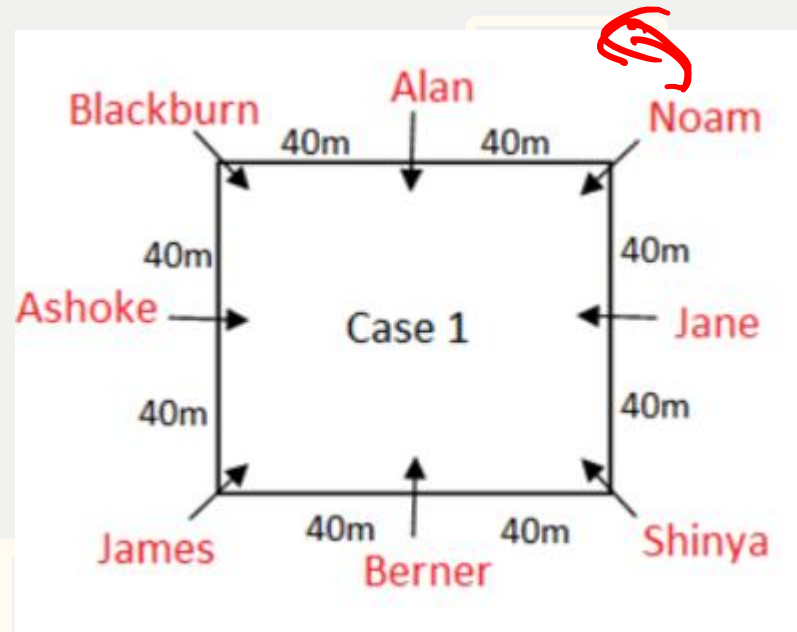
Berner sits 80m away from Jane who is not sits at any corner of the table. Three person sits between Jane and Ashoke. Noam sits at corner of the table and Alan sits 40m to the right of Noam. Blackburn and Shinya sits opposite to each other. Alan is not an immediate neighbour of Shinya. Jane doesn't sit immediate left of James.





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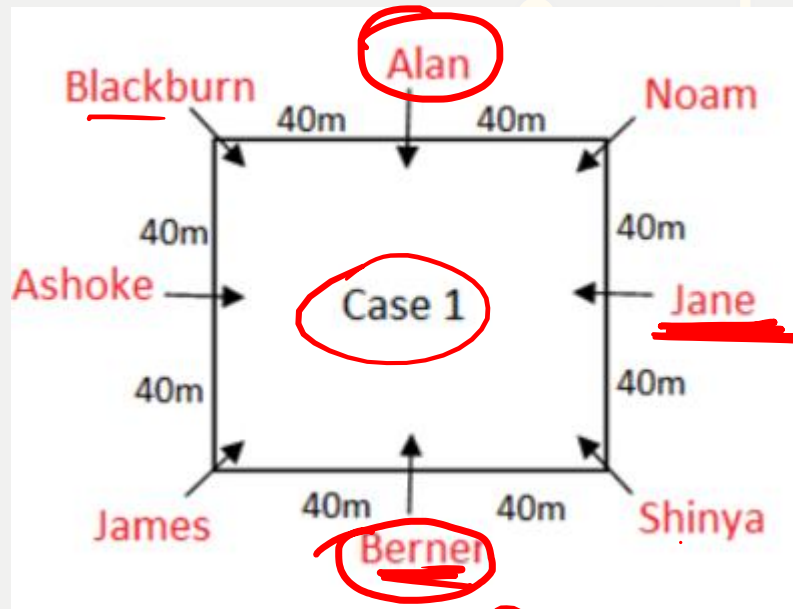


**6. Who sits immediate right of James?**

- 1. Berner
- 2. Ashoke
- 3. Alan
- 4. Jane
- 5. None of these

**7. How many person sits between Noam and Blackburn when counting right of Noam?**

- 1. 2
- 2. 3
- 3. 1
- 4. more than three
- 5. None



8. Who sits second to the right of the one who sits opposite to Alan?

1. Shinya
2. James
3. Jane
4. Berner
5. None of these

RRB  
10am

9. Which of the following statement(s) is/are not true?

- i) Berner and Blackburn are immediate neighbour
- ii) Ashoke sits third to the left of Noam
- iii) James sits second to the right of Shinya

1. Only (i)
2. Only (i) and (ii)
3. Only (ii) and (iii)
4. Only (iii)
5. All (i), (ii) and (iii)

Pre  
Comparison  
Main Data Sufficiency  
Main String Match

