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Direction Sense Questions for LIC AAO, IBPS PO PRE, SBI PO PRE, SBI Clerk Mains, IBPS Clerk Mains and IBPS SO Pre Exams.

Direction Sense Quiz 15

Directions: Study the following information carefully and answer the questions given beside:

Sumit started walking in east direction from point A. After walking 15 m he reached point B, from there he takes a left turn and walk 10 m to reach point C. From C, he turns left and walk 7 m and reaches point D. Then, he turns left and walks 34 m to reach point E. From point E he turns right and walks 28 m. Now he reached point F and from there he turns right and walks 40 m to reach point G. From point G he turns right and walks 32 m to reach point H.

1. What is the direction of G with respect to A?

A. North B. East C. Northwest D. West E. Southwest

2. If point J is the point of intersection of points A, B, D and E then which of the following is/are true about J?

A. Point H is to the north of J. B. JE + JD = GF - 6 C. J is to the north of D.
D. All are true E. None is true

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3. What is the total distance travelled by Sumit in west direction?

A. 35 m B. 64 m C. 56 m D. 43 m E. None of these

4. What is the direction of point C with respect to point H?

A. South B. Southwest C. Southeast D. Northwest E. North

5. What is the shortest distance between points A and H?

A. √481 m B. 25 m C. 16√15 m D. 20 m E. None of these

Correct Answers:

1	2	3	4	5
C	B	A	C	D

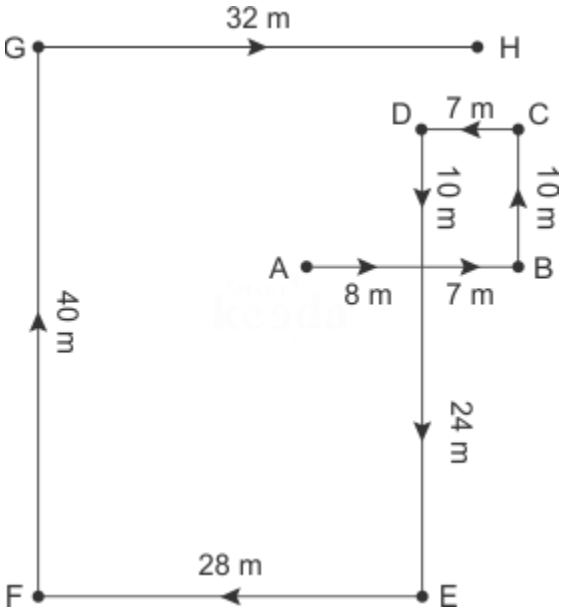
Common Explanation:

Reference:

Sumit started walking in east direction from point A. After walking 15m he reached point B, from there he takes a left turn and walk 10 m to reach point C. From C, he turns left and walk 7 m and reaches point D. Then, he turns left and walks 34 m to reach point E. From point E he turns right and walks 28 m. Now he reached point F and from there he turns right and walks 40 m to reach point G. From point G he turns right and walks 32 m to reach point H.

Inference:

Using the above hints the path travelled by Sumit can be marked as:

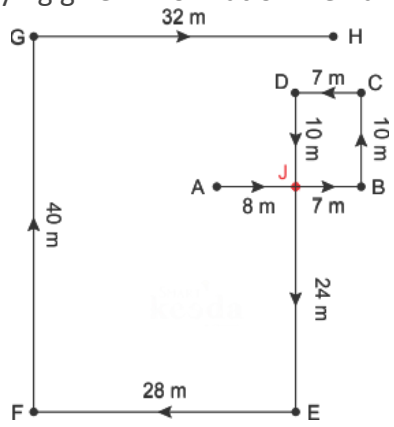


ANSWERS :

1. From the final solution, we can say that point G is in northwest direction with respect to point A.

Hence, the correct answer is option **C**.

2. From the final solution, and applying given information we have:



Here, only option B is true about J.
Hence, the correct answer is option **B**.

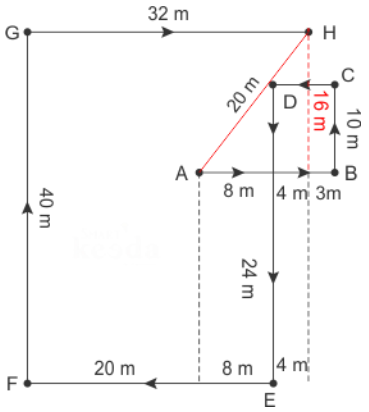
3. From the final solution, we can say that the total distance travelled by Sumit in west direction is 35 m.

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

4. From the final solution, we can say that point C is in southeast direction with respect to point H.

Hence, the correct answer is option **C**.

5. From the final solution, we have:



Using the Pythagoras theorem, we can say that the shortest distance between points A and H is 20 m.
Hence, the correct answer is option **D**.

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