

Banking Daily Quiz Blog - July 18



1. **Directions:** Answer the questions based on the information given below:

Point A is 4m north of point B. Point D is 3m north of point G, which is to the west of point H. Point C is 4m west of point F. Point E is 6m east of point D. Point F is 6m west of point B, which is north of point H. Point E is 5m south of point C.

A. **What is the direction of point H with respect to point E?**

A South-west

B South-east

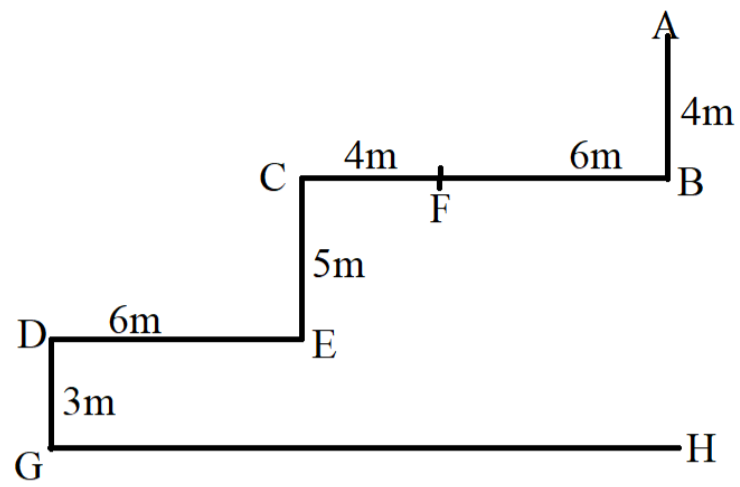
C North-west

D South

E None of these

Solution

Diagram as follows :



B. What is the shortest distance between point G and point A?

A 16m

B 18m

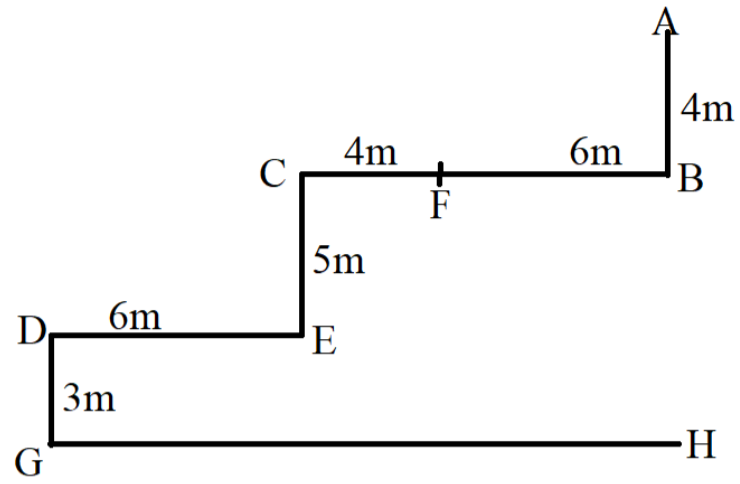
C 22m

D 20m

E 25m

Solution

Diagram as follows :



The shortest distance between point G and point A = $\sqrt{400\text{m}} = 20\text{m}$

The question given below consists of three statements numbered I, II and III below them. You have to decide whether the data provided in the statements are sufficient to answer the question. Read all the statements and give answer:

2. Seven persons P, Q, R, S, T, U and V sit in a straight row facing north direction. Who sits 3rd from the left end?

Statement I : Two persons sit between V and P, who sits 4th from the right end. Three persons sit between V and U. Q sits 2nd to the left of U.

Statement II : S sits to the immediate right of T. Three persons sit between T and R. U sits to the right of R.

Statement III : T sits to the right of R, who sits adjacent to Q. P sits to the right of Q.

A

Data given in both statements I and II are together sufficient to answer.

B

Data given in both statements II and III are together sufficient to answer.

C

Data given in both statements I and III are together sufficient to answer.

D

Data given in all three statements I, II and III are together sufficient to answer.

E

Data given in all three statements I, II and III are together are not sufficient to answer.

Solution

From statement I alone, Two persons sit between V and P, who sits 4th from the right end. Three persons sit between V and U. Q sits 2nd to the left of U, so

V		Q	P	U		
---	--	---	---	---	--	--

Or

Q		U	P			V
---	--	---	---	--	--	---

Either Q or U sits 3rd from left end.

From statement II alone, no proper arrangement is possible.

From statement III alone, nor proper arrangement is possible.

On combining both statement I and II,

V	R	Q	P	U	T	S
---	---	---	---	---	---	---

Clearly, Q sits 3rd from left end.

Data given in both statements I and II are together sufficient to answer.

The question given below consists of two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read all the statements and give answer.

3. Seven boxes A, B, C, D, E, F and G are kept one above the other like a stack. The bottommost box is numbered 1 and the topmost box is numbered 7. Which box is immediately above A?

Statement I: E is two boxes above A, which is three boxes above C. F is immediately above D.

Statement II: C is not above G. B is at least three boxes above F.

A Data given in statement I alone is sufficient to answer the question.

B Data given in statement II alone is sufficient to answer the question.

C Data given in either statement I or statement II alone is sufficient to answer the question.

D Data given in both statement I or statement II together are sufficient to answer the question.

E Data given in both statement I and statement II together are not sufficient to answer the question.

Solution

From statement I alone, as E is two boxes above A, which is three boxes above C. F is immediately above D, so

7	E	B/G
6	B/G	E
5	A	G/B
4	F	A
3	D	F
2	C	D
1	G/B	C

Either B or G is immediately above A.

From statement II alone, as C is not above G. B is at least three boxes above F, no proper arrangement of boxes is possible.

On combining both the statement I and statement II,

7	B
6	E
5	G
4	A
3	F
2	D
1	C

Clearly, G is immediately above A.

Data given in both statement I or statement II together are sufficient to answer the question.

4. **Directions:** Answer the questions based on the information given below.

Nine persons P, Q, R, S, T, U, V, W and X live on different floors of a 9 storey building. Ages of these persons are different among (in years) 14, 18, 21, 27, 30, 33, 35, 36 and 40. None of the persons with even age lives on even numbered floor. The bottommost floor is numbered 1 and the topmost floor is numbered 9. T lives two floors above 21 years old person. T is three years younger than the person, who lives on floor 5. Three persons live above the 27 years old person. W lives three floors below 35 years old person. 2nd eldest person lives three floors below V. Eldest person lives immediately below S. R lives immediately above Q. U lives above R. X is 18 years old. R is not the youngest person. V is not 21 years.

A. **Q lives _ floors above P.**

A Three

B Two

C Six

D Five

E None of these

Solution

1. As three persons live above the 27 years old person.
2. T lives two floors above 21 years old person.
3. T is three years younger than the person, who lives on floor 5, so T either lives on floor 6 or floor 4. Case I: T lives on floor 6 :

9		
8		
7		
6	T	27
5		30
4		21
3		
2		
1		

Case II: T lives on floor 4:

9		
8		
7		
6		27
5		36
4	T	33
3		
2		21
1		

1. W lives three floors below 35 years old person, so W lives on floor 5.

2. 2nd eldest person lives three floors below V, so V lives on floor 4.

Case I: T lives on floor 6:

9		
8		35
7		
6	T	27
5	W	30
4	V	21
3		
2		
1		36

Case II: T lives on floor 4:

9		
8	V	35
7		
6		27
5	W	36
4	T	33
3		
2		21
1		

3. V is not 21 years, so case I is rejected.

4. Eldest person lives immediately below S, so S lives on floor 2.

5. R lives immediately above Q, so R lives on floor 7 and Q lives on floor 6.

6. U lives above R, so U lives on floor 9.

7. X is 18 years old, so X lives on floor 3 and P lives on floor 1.

8. R is not the youngest person, so U is 14 years old and R is 30 years old. The final table is given below:

9	U	14
8	V	35
7	R	30
6	Q	27
5	W	36
4	T	33
3	X	18
2	S	21
1	P	40

B. How many persons live between S and 30 years old person?

A Two

B Three

C Four

D Five

E None of these

Solution

1. As three persons live above the 27 years old person.
2. T lives two floors above 21 years old person.
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8		
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6		27
5		36
4	T	33
3		
2		21
1		

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2. 2nd eldest person lives three floors below V, so V lives on floor 4.

Case I: T lives on floor 6:

9		
8		35
7		
6	T	27
5	W	30
4	V	21
3		
2		
1		36

Case II: T lives on floor 4:

9		
8	V	35
7		
6		27
5	W	36
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5	W	36
4	T	33
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1	P	40

C. U lives on which floor?

A 8th floor

B 9th floor

C 5th floor

D 7th floor

E 3rd floor

Solution

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2	S	21
1	P	40

D. P is _ years old and lives immediately below _.

A 36, T

B 40, W

C 40, S

D 33, W

E None of these

Solution

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E. Who among the following doesn't live between W and the youngest person?

I. 35 years old person.

II. 18 years old person.

III. 27 years old person.

A Only II

B Only III

C Both II and III

D Only I

Solution

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Directions: Answer the questions based on the information given below.

Eight players are A, B, C, D, E, F, G and H scored different runs in a match. F scores more than A. At least two players scored more than F. H scored the lowest. E scored more than D and C. A doesn't score less than C. B doesn't score the highest runs. D doesn't score 2nd lowest runs. E scored more than only three persons.

5. How many players scored less than G ?

A Four

B Three

C Six

D Seven

E None of these

Solution

As F scored more than A.

At least two players scored more than F.

H scored the lowest.

E scored more than D and C.

A doesn't score less than C.

D doesn't score 2nd lowest runs.

E scored more than only three persons.

B doesn't score the highest runs. So,

$G > B > F > A > E > D > C > H$

Seven players scored less than G.

