

MEGA REVISION

SERIES **DAY 11**

FOR BBA BBM BMS BCA

REASONING

MIXED REVISION



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MAH CET BBA BCA
& CUET UG GT 2025



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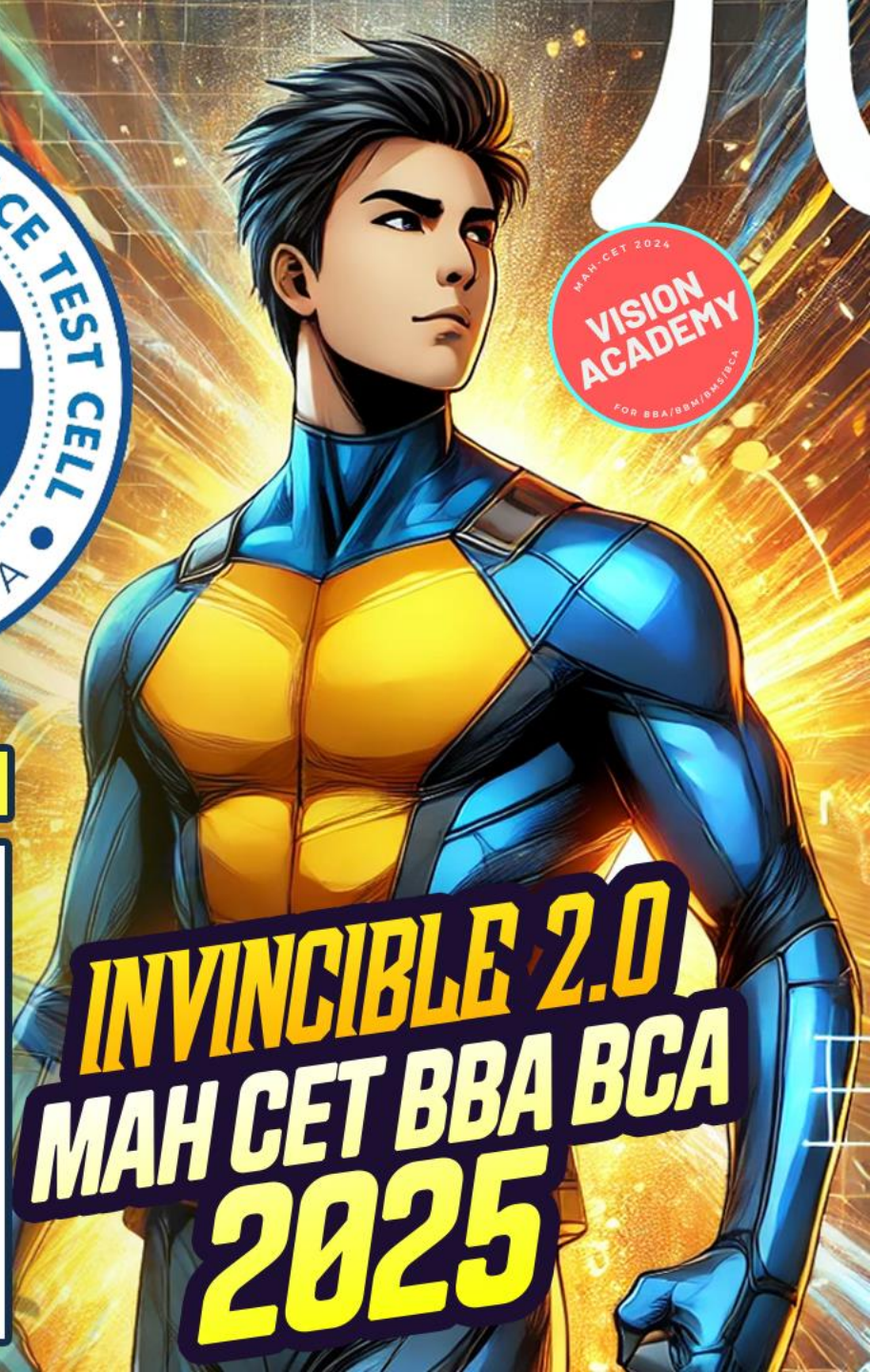
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**FOR MAH CET FOR BBA BBM BMS BCA
& CUET UG PAPER 3 GENERAL TEST**



Direction (Q.1 - Q.2) Study the following information carefully and answer the below questions

A person goes 15 meters from point A towards the east and reached point B then turned to his left and walked for 5 meters and reached point C. From point C he took a left turn and walked for 10 meters and reached point D. From there, he walked 10 meters towards the north and stopped at point E.

1. What is the shortest distance between point A and point C?

1 point

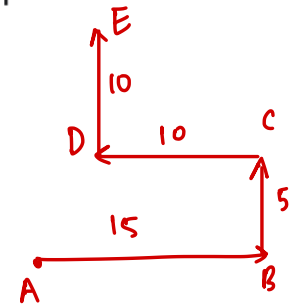
☐ 10m

☐ 8m

☒ 5√10m

☐ 15m

$$\begin{aligned} AC^2 &= 225 + 25 \\ AC &= \sqrt{25 \times 10} \\ &= 5\sqrt{10} \end{aligned}$$



2. What is the direction of point D with respect to A?

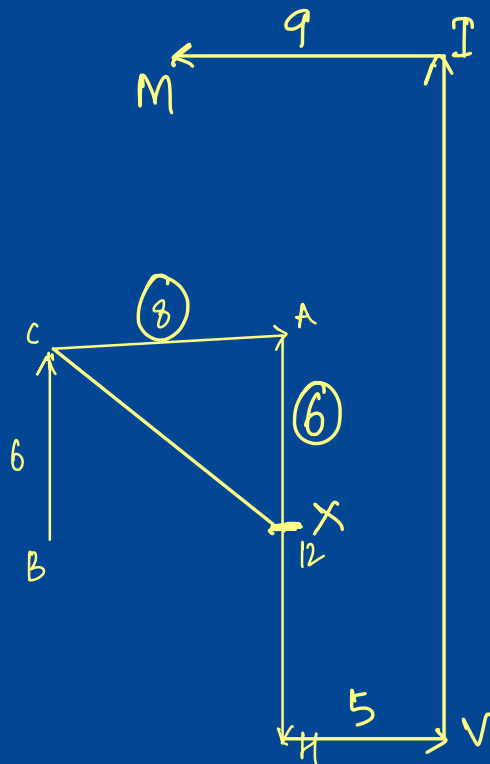
1 point

☒ North-east

☐ South-east

☐ North-west

☐ West



Direction (Q.3 - Q.5) Study the following information carefully and answer the below questions

Rahul walks from Point B towards north direction, after walking 6km he reaches point C where turns to his right and walks for 8km to reach point A, then turns to the south and walks for 12km to reach point H where he turns 90° to his left and walks for 5km to reach point V where he again turns to his left and walks for 18km to reach the point I where he turns to the west and walks for 9km to stop at point M.

3. If point X is the midpoint of A and H, then what is the shortest distance between C and X?

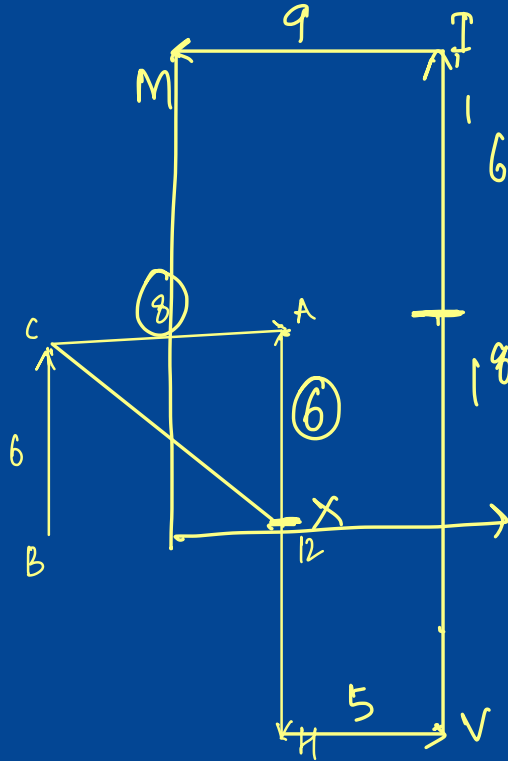
1 point

☐ 6km

☐ 9km

☒ 10km

☐ 7km



☐ None



6. In a certain code language, 'it pit sit' means 'I am boy', 'it nit sit' means 'I am girl', which of the following means 'girl'?

girl

☐ it

☐ pit

☐ sit

☒ nit



7. If 'SYNDICATE' is written as 'SYTENDCAI', then how can 'PSYCHOTIC' be written?

1 point

☐ PSYICTCOH

☐ PSYCOHTCI

☐ PSICYOCTH

☒ PSICYCOTH

1	2	3	4	5	6	7	8	9
P	S	Y	C	H	O	T	I	C
P	S	I	C	Y	C	O	T	H
1	2	8	9	3	4	6	7	5

1	2	3	4	5	6	7	8	9
S	Y	N	D	I	C	A	T	E

S	Y	T	E	N	D	C	A	I
1	2	8	9	3	4	6	7	5



8. If BAG=71, then VICE =?

1 point

☒ 69

☐ 70

☐ 75

☐ 90

$$\begin{array}{ccc} B & A & G \\ 2 & 1 & 7 \\ 25 & + 26 & + 20 = 71 \end{array}$$

$$\begin{array}{cccc} V & I & C & E \\ 22 & 9 & 3 & 5 \\ 5 & + 18 & + 24 & + 22 = 69 \end{array}$$



9. If CUP = 40, then KITE = ?

☐ 10

☐ 20

☐ 35

☒ 45

$$\begin{array}{ccccc} C & U & P & & \\ 3 & + & 21 & + & 16 = 40 \end{array}$$

$$\begin{array}{ccccc} K & I & T & E & \\ 11 & + & 9 & + & 20 + 5 = 45 \end{array}$$

1 point



10. In a certain code language, '123' means 'bright little boy', '145' means 'tall big boy' and '637' means 'beautiful little flower'. Which digit in that language means 'bright'?

☐ 1

☒ 2

☐ 3

☐ 4

1 2 3 bright little boy
1 4 5 tall big boy
6 3 7 beautiful little flower



Direction (Q.11 - Q.13)

P is the daughter of Q. R has only two children - P and S. T is the brother of U. S is married to V. R has only two daughters. W is the mother of Q. T is married to P. W is married to X. R is the son of Y

11. Who among the following is the father of Q?

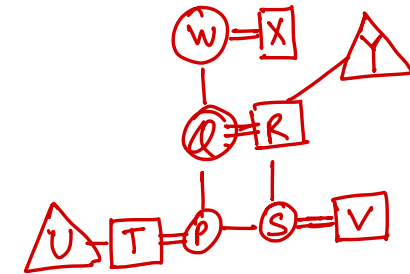
1 point

☐ W

☐ Y

☐ R

☒ X



12. Who among the following is the sister-in-law of U?

1 point

☐ S

☒ P

☐ Q

☐ W

13. How is R related to T?

1 point

☒ Father-in-law

☐ Mother-in-law

☐ Mother

☐ Father



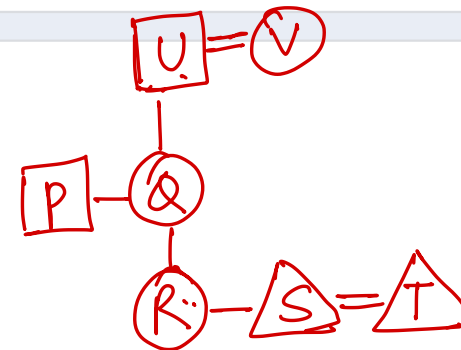


Direction (Q.14 - Q.15)

P is the brother of Q. Q is the mother of R. R is the sister of S. S is married to T. U is the father of Q. U has only one daughter. U is married to V.

14. How is W related to R?

- ☒ Cannot be determined
- ☐ Uncle
- ☐ Mother
- ☐ Father



1 point

15. How R is related to U?

- ☐ Grandson
- ☐ Brother
- ☒ Granddaughter
- ☐ Sister



1 point



Q.1) 2, 5, 10, 17, 26, 37, 50, 64

3 5 7 9 11 13 14

Wrong no. in series

☐ 17

☐ 26

☐ 37

☒ 64



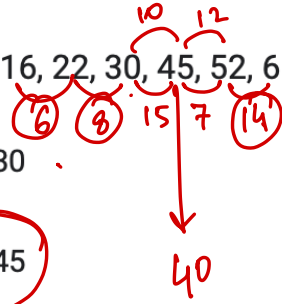
Q.2) 16, 22, 30, 45, 52, 66

☐ 30

☒ 45

☐ 52

☐ 66





Q.3) 125, 126, 124, 127, 123, 129

+1 -2 +3 -4 +5

☐ 126

☐ 124

☐ 123

☒ 129



Q.4) 105, 85, 60, 30, 0, -45, -90

-20 -25 -30 -35

☐ 105

☐ 60

☒ 0

☐ -45

wrong no.



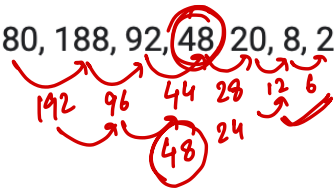
Q.5) 380, 188, 92, 48, 20, 8, 2

☐ 8

☐ 20

☒ 48

☐ 188



Wrong no. =



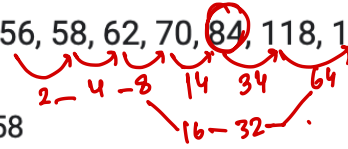
Q.6) 56, 58, 62, 70, 84, 118, 182

☐ 58

☐ 62

☒ 84

☐ 118





Q.7) $3, 7, 15, 39, 63, 127, 255, 511$

Handwritten annotations above the sequence: x^2+1 above 3, x^2+1 above 7, and x^2+1 above 39. Below the sequence, the differences are written: 4 between 3 and 7, 8 between 7 and 15, 24 between 15 and 39, and 24 between 39 and 63.

☐ 15

☒ 39

☐ 63

☐ 127

Wrong no:



(Q.8 - Q.15) In each of the following questions, find out how many such pairs of letter are there in the given word each of which has as many letters between them in the word as in the English alphabet

Description (optional)

Q.8) NECESSARY

☐ Nil

☒ One

☐ Two

☐ Three

N	E	C	E	S	S	A	R	Y
14	5	3	5	19	19	1	18	25

A red bracket is drawn under the first six letters (N, E, C, E, S, S) of the word NECESSARY, indicating that the analysis for this pair is complete.

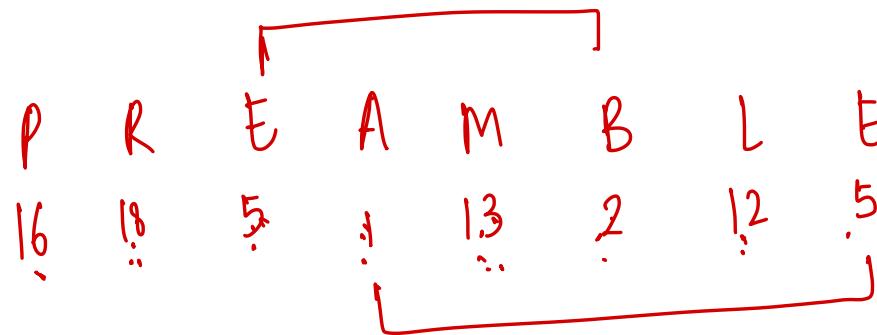


(Q.8 - Q.15) In each of the following questions, find out how many such pairs of letter are there in the given word each of which has as many letters between them in the word as in the English alphabet

Description (optional)

Q.9) PREAMBLE

- ☐ One
- ☒ Two
- ☐ Three
- ☐ More than three





(Q.8 - Q.15) In each of the following questions, find out how many such pairs of letter are there in the given word each of which has as many letters between them in the word as in the English alphabet

Description (optional)

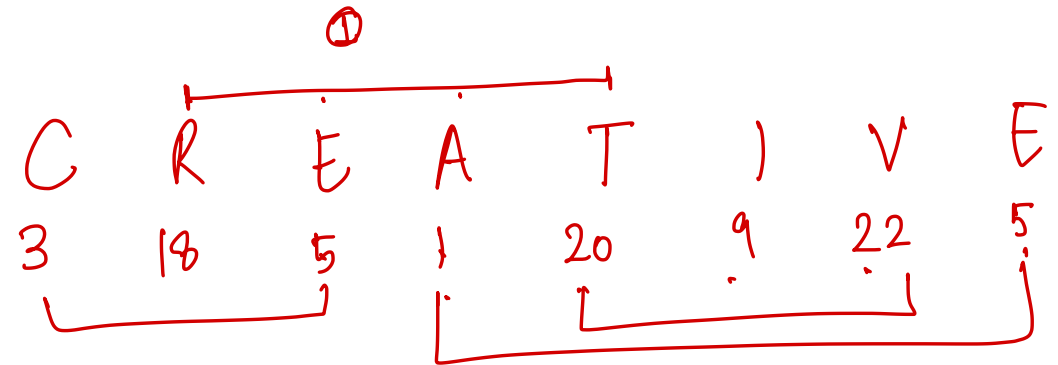
Q.10) CREATIVE

☐ One

☐ Two

☒ Three

☐ Four





(Q.8 - Q.15) In each of the following questions, find out how many such pairs of letter are there in the given word each of which has as many letters between them in the word as in the English alphabet

Description (optional)

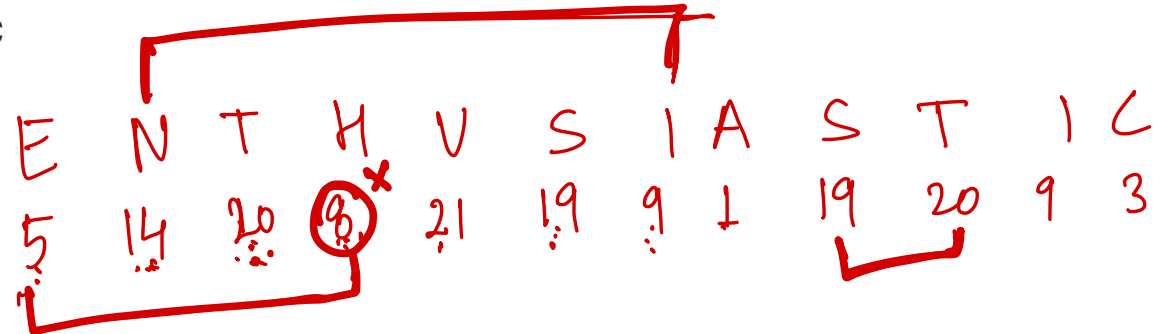
Q.11) ENTHUSIASTIC

☐ Two

☒ Three

☐ Four

☐ More than four





(Q.8 - Q.15) In each of the following questions, find out how many such pairs of letter are there in the given word each of which has as many letters between them in the word as in the English alphabet

Description (optional)

Q.12) SUGGESTION

☐ None

☐ One

☐ Two

☒ Four

S U G G E S T I O N
19 21 7 7 5 19 20 9 15 14

Handwritten red annotations: A bracket above the word 'SUGGESTION' spans from the first 'G' to the end of the word. Brackets below the word connect the first 'G' to the first 'S', the second 'G' to the second 'S', and the 'I' to the 'N'.



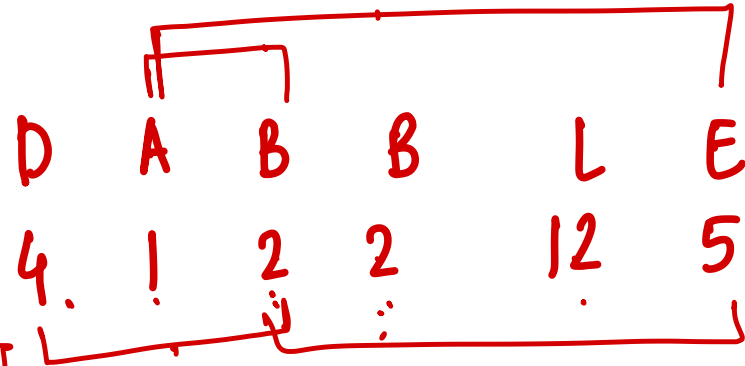
Q.13) DABBLE

☐ One

☐ Two

☐ Three

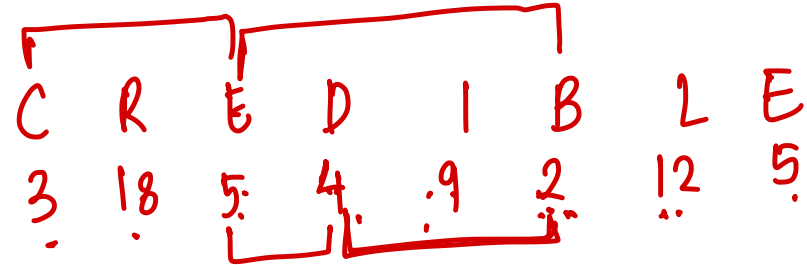
☒ More than three





Q.14) CREDIBLE

- ☐ One
- ☐ Two
- ☐ Three
- ☒ More than three





Q.15) HORIZON

☐ One

☐ Two

☐ Three

☒ Four

H O R I Z O N
8 15 18 9 26 15 14

E J O T Y
5 10 15 20 25



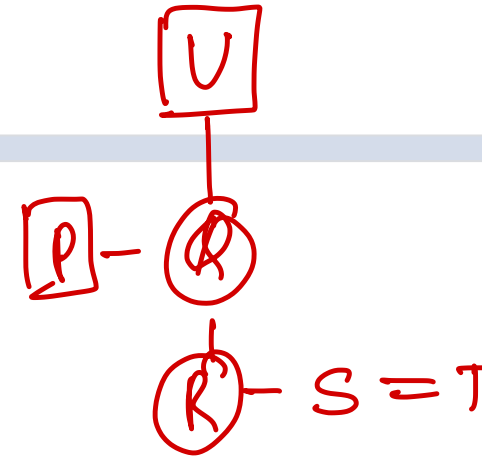
Direction (Q.16 - Q.17)

P is the brother of Q. Q is the mother of R. R is the sister of S. S is married to T. U is the father of Q. U has only one daughter. U is married to V.

Description (optional)

Q. 16) How is W related to R?

- ☐ Cannot be determined
- ☐ Uncle
- ☐ Mother
- ☐ Father



Q.17) How R is related to U?

- ☐ Grandson
- ☐ Brother
- ☐ Granddaughter
- ☐ Sister



Q.18) In a certain code language, 'it pit sit' means 'I am boy', 'it nit sit' means 'I am girl', which of the following means 'girl'?

- ☐ it
- ☐ pit
- ☐ sit
- ☒ nit



Q.19) If 'SYNDICATE' is written as 'SYTENDCAI', then how can 'PSYCHOTIC' be written?

☐ PSYICTCOH

☐ PSYCOHTCI

☐ PSICYOCTH

☐ PSICYCOTH



Q.20) If BAG=71, then VICE =?

☐ 69

☐ 70

☐ 75

☐ 90



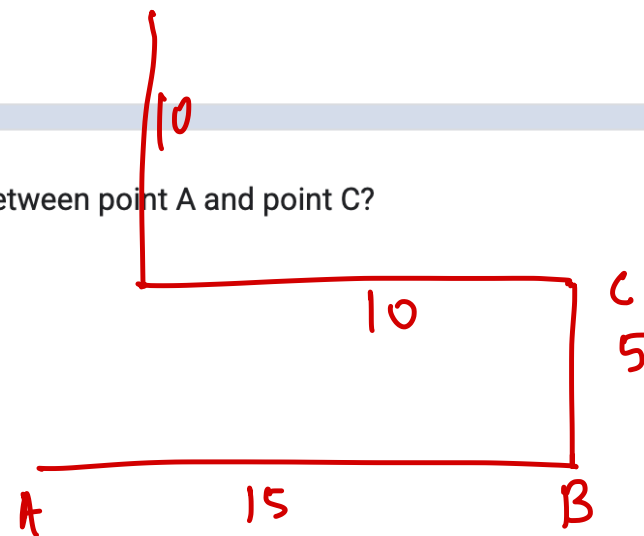


(Q.23 - Q. 24) A person goes 15 meters from point A towards the east and reached point B then turned to his left and walked for 5 meters and reached point C. From point C he took a left turn and walked for 10 meters and reached point D. From there, he walked 10 meters towards the north and stopped at point E.

Description (optional)

Q.23) What is the shortest distance between point A and point C?

- ☐ 10m
- ☐ 8m
- ☐ $5\sqrt{10}$ m
- ☐ 15m



...

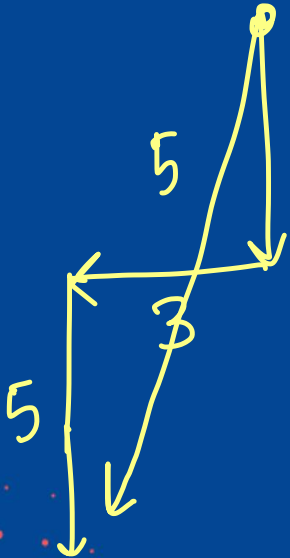
Q.24) What is the direction of point D with respect to A?

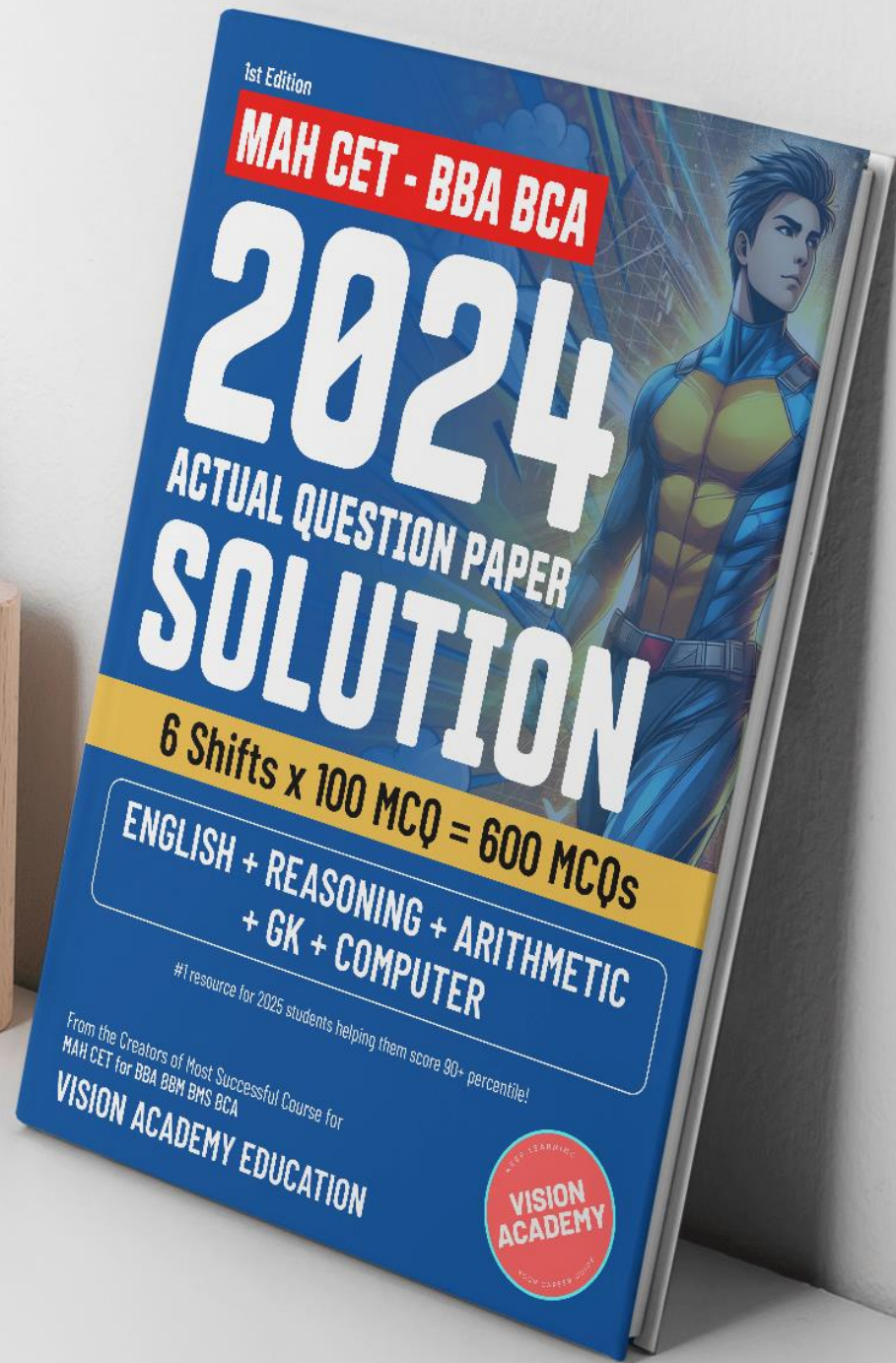
- ☐ North-east
- ☐ South-east
- ☐ North-west
- ☐ West



Q.25) A man walks 5 km toward south and then turns to the right. After walking 3 km he turns to the left and walks 5 km. Now in which direction is he from the starting place?

- ☐ West
- ☐ South
- ☐ North-East
- ☒ South-West





PYQs
600 + Solⁿ



PDF

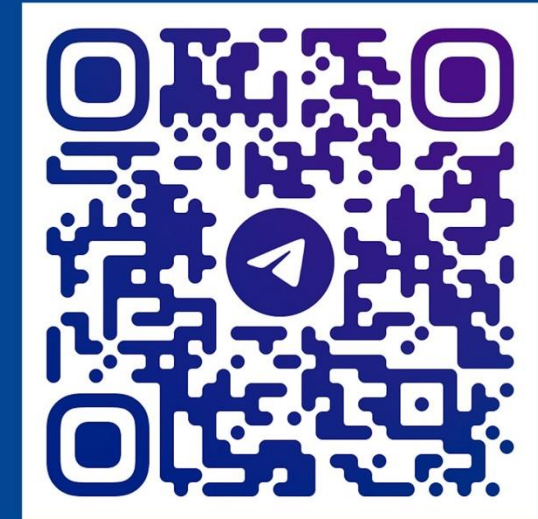
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