

# CA Foundation (Dec 23)



## LR KI HALF-CENTURY Part 3

### 50 Most Imp Questions

PYQs, MTPs & Unique Questions

#25Main2500 #KarnaHiHain  
#RoneKaNahiFhodneKa



#TheMathsTutor

Akash Agrawal

# CA Foundation Quantitative Aptitude video lectures for **New Syllabus** Sept 2024/Jan 2025 onwards

## **FULL SYLLABUS**

### Features of video lectures:-

- Complete syllabus smoothly covered
- Dedicated doubt solving support over phone
- Color printed hand-written notes
- Daywise Study plan
- Exams - Chapterwise, sectionwise, complete syllabus on OMR sheets
- Extra support for non-Maths background students

### Material covered:-

- Module Exercises, Additional Question Banks, Chapterwise Past Year Questions & MTPs

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**8690369038**

1 Which of the following is odd one 4, 12, 44, 176, 890

- (a) 4      (b) 12      (c) 44      (d) 176

[CA Foundation June 2019]

2 Find the missing value in the series 0, 2, 3, 6, 10, 17, 28, ?, 75.

- (a) 58      (b) 46      (c) 48      (d) 54

[CA Foundation December 2020]

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3. Find missing term of the series: 101, 102, 106, 115, 131, 156, ?

(a) 192

(b) 220

(c) 211

(d) 235

4. 3, 4, 4, 6, 12, 15, 45, ?, 196

(a) 42

(b) 49

(c) 43

(d) 40

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5 Find the wrong term: G4T, J10R, M20P, P43N, S90L

- (a) M20P      (b) P43N      (c) J10R      (d) G4T

[CA Foundation December 2020]

6 The missing term of the series 11, 10 \_\_ 27, 66.5, 198.5

- (a) 14  
(b) 16  
(c) 21  
(d) 19

Test Series: March 2022

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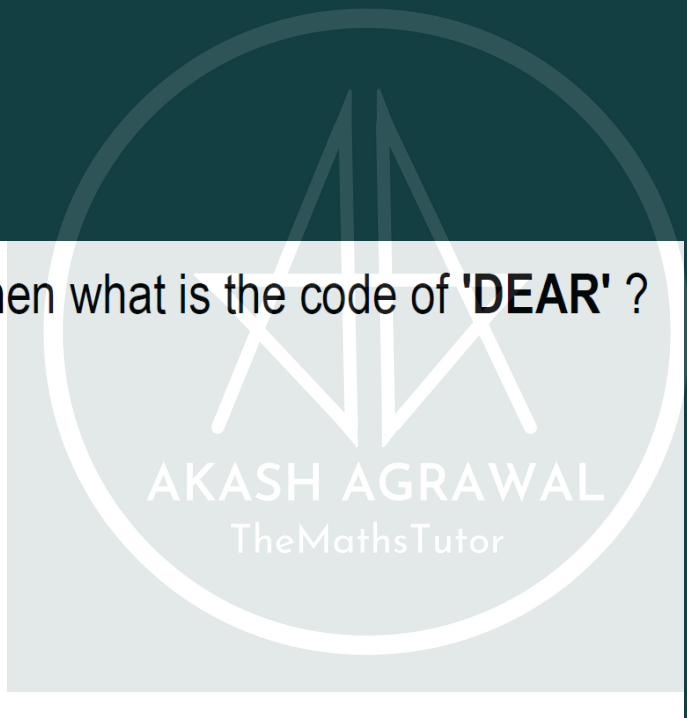
**8690369038**

7 Find out the letter series: AZY, EXW, IVU, ?

- (a) MTS            (b) MQR            (c) NRQ            (d) LST

8 If E = 5 and **READ** is coded as 7, then what is the code of '**DEAR**' ?

- (a) 6  
(b) 7  
(c) 8  
(d) 9



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1

9

In a certain code 'SOUTHERN' is written as 'UVPTMQDG'. How is 'MARIGOLD' written in that code?

- (a) JSBCNFKS
- (b) JSBNHPME
- (c) JSBNCKNF
- (d) NBSKCJNF

**Test Series: October 2021**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1

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**10** In a certain code 'PRISM' is written as 'OSHTL' and 'RUBLE' is written as 'QVAMD'. How will 'WHORL' be written in that code?

- (a) XISPM
- (b) VINSK
- (c) UINSK
- (d) XGPQM

**Test Series: October 2021**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1

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11

In a certain Code, 'CLOUD' is written as 'GTRKF'. How is 'SIGHT' written in that code?

- (a) UGHHT
- (b) UHJFW
- (c) WFJGV
- (d) WGJHV

**Test Series: June, 2022**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1

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12 In a certain language, FLOWER is coded UOLDVI, then how is TERMINAL coded in that language?

- (a) FLKPMROZ
- (b) GVINRMZO
- (c) RVNIGLKA
- (d) MNIVGYEO

Test Series: May, 2020

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1

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**13** Find next term of the series 10, 69, 236, 595,?

(a) 1254

(b) 1020

(c) 1320

(d) 1200

**Test Series: May 2023**



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14 In certain code language, BOARD is coded as CQDVI, what is the code for the word CONSULTING?

- (a) DQQWZRARNQ
- (b) DQQWZARQWQ
- (c) DQQWZRAQWQ
- (d) None of these

Test Series: May 2023

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1

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15 In a certain code language if CAMP is written as 9, then in the same code how will the word TEAM be written?

- (a) 14
- (b) 19
- (c) 27
- (d) 33

Test Series: May 2023

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1

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**16** When a person faces North and walk 25m and she turn left and walk 20m and again turns right and walk 25m, and turns right 25m and turns right and walks 40m. In which direction is he now from his starting point.

(a) North- West

(b) North- East

(c) South-East

(d) South- West

**[CA Foundation June 2019]**



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**17** Madhuri moved a distance of 75 metres toward north. She then turned to her left and walked for about 25m, turned left again and walked 80m; finally she turned to the right at an angle of  $45^\circ$ . In which direction was she moving finally?

(a) South-East

(b) South-West

(c) North-West

(d) North-East

**[CA Foundation June 2019]**



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**18** A person facing North moves  $70^\circ$  in clock wise direction. He then moves  $300^\circ$  again in clock wise direction. Now, in which direction is he presently facing.

(a) North-West

(b) South-East

(c) North-East

(d) South-West

**[CA Foundation June 2019]**



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**19** If Shyam sees the rising sun behind the tower and setting sun behind the railway station from his house. What is the direction of tower from railway station?

(a) South

(b) North

(c) West

(d) East

**[CA Foundation November 2019]**



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**20** Town D is 12 km towards the North of A. Town C is 15 km towards the West of town D. Town B is 15 km towards the west of town A, how far and which direction is town B from town C ?

- (a) 15 Km towards North
- (b) 12 Km towards North
- (c) 3 km towards South
- (d) 12 km towards South

**Test Series: October, 2019**



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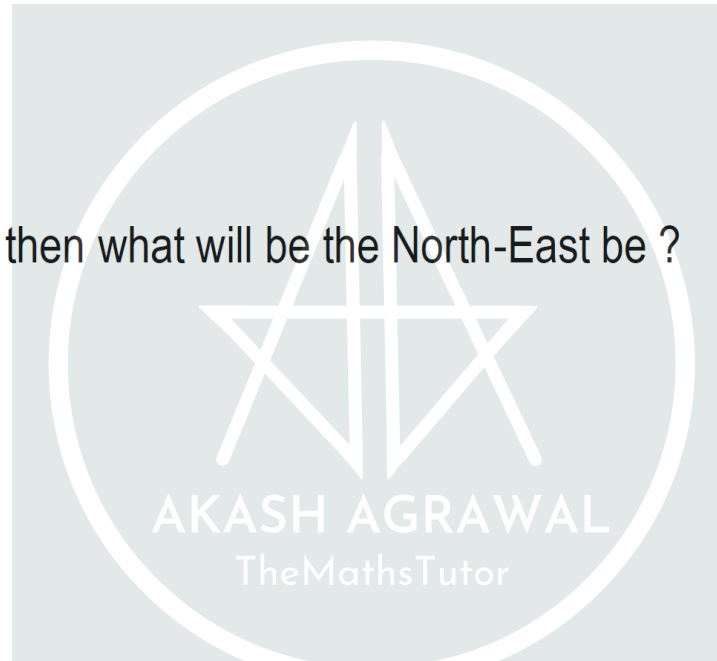
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**21** One evening before sunset, two friends Ravi and Raj were talking to each other face to face. If Ravi's shadow was exactly to his left side, which direction was Raj facing ?

- (a) West
- (b) East
- (c) North
- (d) South

**22** If South-West becomes North, then what will be the North-East be ?

- (a) North
- (b) South-East
- (c) South
- (d) East



**Test Series: March, 2021**

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- 23 A cat is facing North and it moves 2m, then it turned to its right and moves 2m and then it moves 1m in North-East, then it turned to its right and moves 2m and again it turned to its left and moves 2m. In which direction is the cat facing?
- (a) South-West                      (b) North-East                      (c) North-West                      (d) South-East



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24 A school bus driver starts from the school, drives 2 km towards North, takes a left turn and drives for 5 km. He then takes a left turn and drives for 8 km before taking a left turn again and driving for further 5 km. The driver finally takes a left turn and drives 1 km before stopping. How far and towards which direction should the driver drive to reach the school again?

- (a) 3 km towards North (b) 7 km towards East (c) 6 km towards South (d) 5 km towards North



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25

A child is looking for his father. He went 90 metres in the east before turning to his right. He went 20 metres before turning to his right again to look for his father at his uncle's place 30 metres from this point. His father was not there. From there, he went 100 metres to his north before meeting his father in a street. How far did the son meet his father from the starting point?

(a) 80 m

(b) 100 m

(c) 140 m

(d) 180 m



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**26** Eight persons A, B, C, D, E, F, G and H are sitting in a line. E sits second right of D. H sits fourth left to D. C and F are immediate neighbours but C is not immediate neighbour of A. G is not neighbour of E. Only two persons sit between A and E. The persons on the left end and right end respectively are

(a) G & E

(b) B & E

(c) H & E

(d) G & B

**[CA Foundation November 2018]**



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**8690369038**

27 Five girls G, H, I, J, K are sitting in a row facing south not necessarily in the same order. H is sitting between G and K; I is immediate right to K; J is immediate left to G. Which of the following is true?

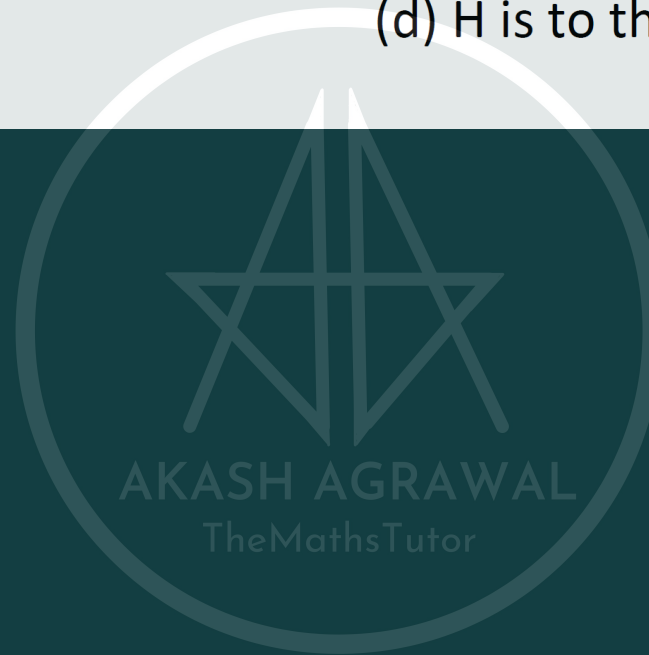
(a) J is third to the left of K

(b) G is second to the left of I

(c) H is to the right of K

(d) H is to the left of G

[CA Foundation December 2020]



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**8690369038**



28 Eight friends I, J, K, L, M, N, O and O are sitting in a circle facing the center. J is sitting between O and L; P is third to the left of J and second to the right of I; K is sitting between I and O; J & M are not sitting opposite to each other. Which of the following statement is NOT correct?

(a) K is sitting third to the right of L

(b) I is sitting between K and N

(c) L and I are sitting opposite to each other

(d) M is sitting between N and L

[CA Foundation December 2020]



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**8690369038**

29 Six friends A, B, C, D, E and F are sitting on a bench, facing towards North.

**Test Series: May, 2020**

- I. A is sitting next to B.
- II. C is sitting left to D.
- III. D is not sitting with E.
- IV. E is on the left end of the bench.
- V. C is third position from right.
- VI. A is on the right side of B and to the right side of E.
- VII. A and C are sitting together.
- VIII. F is sitting Right of D.

At what position A is sitting?

- (a) Between B and C
- (b) Between D and C
- (c) Between E and D
- (d) Between C and E

What is position of B?

- (a) Second from right
- (b) Centre
- (c) Extreme left
- (d) Second from left

What is position of D?

- (a) Extreme from left
- (b) Extreme right
- (c) Third from left
- (d) Second from right.

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**8690369038**

**30** A, B, C, D, E, F, G and H are sitting in a circle facing the centre. F is second to the right of A and third to the left of C. B is second to the left of C and fourth to the right of H. D is second to the right of G.

Who is to the immediate left of D?

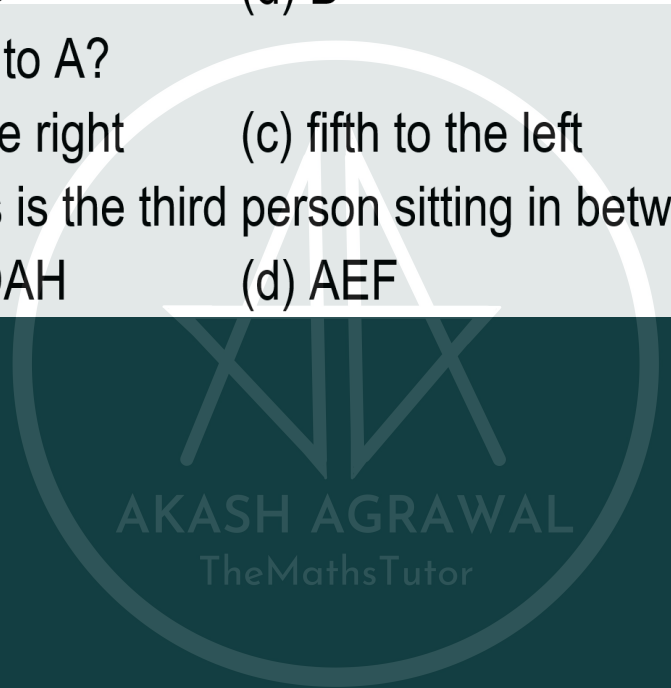
- (a) H                      (b) C                      (c) G                      (d) B

What is the position of G with respect to A?

- (a) third to the left              (b) third to the right              (c) fifth to the left              (d) fourth to the right

In which of the following combinations is the third person sitting in between the first and second person?

- (a) BGC              (b) EFB              (c) DAH              (d) AEF



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**8690369038**

**31** A, B, C, D, E, F, G and H are sitting in a circle facing the centre. No two males or two females are immediate neighbours of each other. A is the wife of H. A sits third to the left of E. F sits second to the right of D. D is not an immediate neighbour of A or E. H and C are immediate neighbours. F is not an immediate neighbour of his wife B.

Which of the following is true about G?

- (a) G is a male  
(b) G sits exactly between F and H  
(c) G sits third to the left of E  
(d) G sits second to the right of B

How many people sit between B and F counted in anti-clockwise direction from B?

- (a) One            (b) Two            (c) Three            (d) Four

If all the persons are made to sit in alphabetical order in clockwise direction starting from A, the positions of how many (excluding A) will remain unchanged as compared to their original seating positions?

- (a) None            (b) One            (c) Two            (d) Three

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32 Nine persons A, B, C, D, E, F, G, H, I are watching a movie in a theatre sitting in a row facing North. B is at one end of the row. H is seated adjacent to both F and G. C is to the immediate right of D and at the third place to the right of E. A is immediate left of F. F is at the third place to the left of B. Find out:

Who is at the end of the row?

- (a) A & B      (b) E & A      (c) B & E      (d) D & E

What is the position of F with respect to D?

- (a) 3<sup>rd</sup> to the right      (b) 2<sup>nd</sup> to the right      (c) 3<sup>rd</sup> to the left      (d) 2<sup>nd</sup> to the left

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**33** Based on the instructions given below answer the following questions:

K, L, M, N, O, P and Q are sitting on a circular dining table for dinner

Q is not between P and M

O is neighbour of K and N

L is second to the left of Q

P is to the immediate right of K

Which of the given below pairs have the second person sitting at the immediate right to the first one?

(a) KL                      (b) ML                      (c) OK                      (d) NQ

Where is P sitting?

a) Second to the left of M    b) Second to the right of M    c) Immediate left of K    d) Immediate right of L

Which of the following group represents neighbours of L?

a) K and P                      b) M and N                      c) P and M                      d) None of these

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**34** Vinod introduces Vishal as the son of the only brother of his father's wife. How is Vinod related to Vishal?

- (a) Cousin      (b) Brother      (c) Son      (d) Uncle      **[CA Foundation May 2018]**



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**8690369038**

35 Pointing to a man in a photograph, a woman said “the father of his brother is the only son of my grandfather”, how is the woman related to the man in the photograph?  
(a) Mother (b) Daughter (c) Aunt (d) Sister [CA Foundation November 2018]



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**8690369038**



36 Ram and Mohan are brothers, Shankar is Mohan's father. Chhaya is Shankar's sister. Priya is Shankar's niece. Shubhra is Chhaya's grand-daughter. Then Ram is Shubhra's  
(a) Brother (b) Uncle (c) Cousin (d) Nephew [CA Foundation November 2018]



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**8690369038**

37 If  $P + Q$  means P is the mother of Q,  $P \div Q$  means P is the father of Q,  $P - Q$  means P is the sister of Q. Then which of the following relationship shows that M is the daughter of R?

(a)  $R \div M + N$

(b)  $R + N \div M$

(c)  $R - M \div N$

(d) None of these

**[CA Foundation November 2018]**



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Read the following information carefully to answer the given questions.

Six members of a family namely A, B, C, D, E and F are travelling together. B is the son of C but C is not the mother of B. A and C are married couple. E is the brother of C. D is the daughter of A. F is the brother of B. **[CA Foundation November 2019]**

How many male members are there in the family?

- (a) 3      (b) 2      (c) 4      (d) 1

How many children does A have

- (a) 1      (b) 2      (c) 3      (d) 4

What is the relation of E to D

- (a) Uncle      (b) Brother      (c) Father      (d) None of these

Who is the mother of B?

- (a) C      (b) D      (c) F      (d) A



**39** Read the following information carefully and answer the question below. In a family of six persons A, C, E, F, I, K there are two married couples. G is the grandmother of A and mother of C. E is wife of C and mother of K, K is the granddaughter of I. What is E to A?

(a) Daughter

(b) Mother

(c) Grandmother

(d) Aunt

[CA Foundation December 2020]



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**8690369038**

40 Pointing to a lady, A said “that woman is my nephew’s maternal grandmother.” How is that woman related to A’s sister who has no sister?

(a) Cousin

(b) Son-in-law

(c) Mother

(d) Mother-in-law

[CA Foundation December 2020]



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**8690369038**

41 Pointing to a lady, a man said, "The son of her only brother is the brother of my wife". How is lady is related to man?

- (a) Mother's sister
- (b) Grandmother
- (c) Sister of father-in-law
- (d) Maternal Aunt

**Test Series: May, 2020**



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**8690369038**

42 Anil said "This girl is the wife of the grandson of my mother". How is Anil related to the girl?

- (a) Brother
- (b) Grandfather
- (c) Husband
- (d) Father-in-law



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**8690369038**

**43** Pointing to a boy in a photograph, Akki said, “He is the only son of my maternal grandfather’s only child.” How is the boy related to Akki?

- (a) Self      (b) Brother      (c) Cousin      (d) Father



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**8690369038**



44 D said: A's father is the only brother of my sister's son. How is A's father related to D?  
(a) Cousin      (b) Nephew      (c) Uncle      (d) Father



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**8690369038**

45 B is father of Q. B has only two children. Q is the brother of R. R is the daughter of P. A is the granddaughter of P. S is the father of A. How is S related to Q?

(a) Son

(b) Son-in-law

(c) Brother

(d) Brother-in-law



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**8690369038**

46 A, B, C, I, J and K are six family members. J is son of I, who is not the mother of J. B is brother of I. K and I are a married couple. C is daughter of K, who is sister of A. How many female members are there in the family?

(a) Two

(b) Three

(c) Four

(d) Can't be determined



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**8690369038**

47 Introducing a man, a woman said, 'He is the only son of my mother's mother.' How is the woman related to the man?

(a) Mother

(b) Aunt

(c) Sister

(d) Niece



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**8690369038**

48 A man said to a lady, "Your mother's husband's sister is my aunt". How is the lady related to the man?  
(a) Daughter                      (b) Grand-daughter                      (c) Mother                      (d) Sister



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**8690369038**

49

In a family, there are six members A, B, C, D, E and F. A and B are a married couple, A being the male member. D is the only son of C, who is the brother of A. E is the sister of D. B is the daughter-in-law of F, whose husband has died. How is E related to C ?

- (a) Sister
- (b) Daughter
- (c) Cousin
- (d) Mother

**Test Series: March, 2021**



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**8690369038**

50 Read the following information and answer the question

'A+B' means 'A is the daughter of B'.

'A × B' means 'A is the son of B'.

'A – B' means 'A is the wife of B'.

If  $P \times Q - S$ , which of the following is true

- (a) S is wife of B
- (b) S is father of P
- (c) P is daughter of Q
- (d) Q is father of P

**Test Series: May, 2020**

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Read the following information carefully to answer the questions that follow.

- I. 'P + Q' means 'P is father of Q'
- II. 'P - Q' means 'P is mother of Q'
- III. 'P × Q' means 'P is brother of Q'
- IV. 'P ÷ Q' means 'P is sister of Q'

**Test Series: October, 2019**

Which of the following means 'M' is maternal uncle of T?

- (a)  $M \div K - T$
- (b)  $M \times K - T$
- (c)  $M \times K + T$
- (d)  $M \div K + T$

If A + B means A is brother of B, A - B means A is sister of B, and A × B means A is the father of B. Which of the following means that C is the son of M? **Test Series: October, 2020**

- (a)  $M - N \times C + F$
- (b)  $F - C + N \times M$
- (c)  $N + M - F \times C$
- (d)  $M \times N - C + F$

If A + B means A is the sister of B, A × B means A is the wife of B, A % B means A is the father of B and A - B means A is the brother of B. Which of the following means T is the daughter of P?

- (a)  $P \times Q \% R + S - T$
- (b)  $P \times Q \% R - T + S$
- (c)  $P \times Q \% R + T - S$
- (d)  $P \times Q \% R - T + S$



# CA Foundation Quantitative Aptitude video lectures for **New Syllabus** Sept 2024/Jan 2025 onwards

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