IMP MCQs Lecture 5

Chp12 Blood Relations & Chp10 Direction Test

CA. Pranav Popat

Schedule

Date	Day	Chapter to be Covered
05-Aug-25	Tue	Chp4 Math for Finance
07-Aug-25	Thu	Chp13 Statistical Description of Data
09-Aug-25	Sat	Chp14 Central Tendency & Dispersion
11-Aug-25	Mon	Chp17 Correlation and Regression
13-Aug-25	Wed	Chp12 Blood Relations and Chp10 Direction Test
15-Aug-25	Fri	Chp11 Seating Arrangements & Chp9 Number Series…
17-Aug-25	Sun	Chp1 Ratio Proportion Indices Logarithm
19-Aug-25	Tue	Chp18 Index Numbers and Chp6 Sequence and Series
21-Aug-25	Thu	Chp2 Equations & Chp3 Linear Inequalities
23-Aug-25	Sat	Chp5 Permutations & Combinations
25-Aug-25	Mon	Chp7 Set Relation Functions
27-Aug-25	Wed	Chp15 Probability and Chp16 Theoretical Distribution

24 Days Challenge

24 DAYS QA CHALLENGE

QA (Math, LR and Stats) **BY CA. PRANAV POPAT**

CA FOUNDATION SEP 2025

Day Numbe	Date	Day	Title	Video Link	PDF Link	Duration (Hours)
1	4-Aug-25	Mon	Revision of Chp4 Math for Finance (Self/ One Shot)	Play	PDF	3:02:00
2	5-Aug-25	Tue	IMP MCQs of Chp4 Math for Finance (Live on YT)	coming soon	coming soon	
3	6-Aug-25	Wed	Revision of Chp13 Statistical Description of Data (Self/ One Shot)	Play	PDF	3:06:00
4	7-Aug-25	Thu	IMP MCQS of Chp13 Statistical Description of Data (Live on YT)	coming soon	coming soon	
5	8-Aug-25	Fri	Revision of Chp14 Central Tendency & Dispersion (Self/ One Shot)	Play	PDF	3:02:00
6	9-Aug-25	Sat	IMP MCQs of Chp14 Central Tendency & Dispersion (Live on YT)	coming soon	coming soon	
7	10-Aug-25	Sun	Revision of Chp17 Correlation Regression (Self/ One Shot)	Play	PDF	2:43:58
8	11-Aug-25	Mon	IMP MCQs of Chp17 (Live on YT)	coming soon	coming soon	
9	12-Aug-25	Tue	Revision of Chp12 Blood Relations (Self/ One Shot)	Play	PDF	1:24:49
			Revision of Chp10 Direction Test (Self/ One Shot)	Play	PDF	1:01:11
10	13-Aug-25	Wed	IMP MCQs of Chp12 and Chp10 (Live on YT)	coming soon	coming soon	
11	14-Aug-25	Thu	Revision of Chp11 Seating Arrangements (Self/ One Shot)	Play	PDF	1:48:40

let’s get started.

Que in the list but not solved in session are already solved in a past YT video.

Links :- Blood Relations Video Focus Batch: https://www.youtube.com/live/qYZbqLB37CY?si=WTTDcX9GG0a9i_EI

Direction Test Focus Batch: https://www.youtube.com/live/trA_i7y7e2s?si=6sW7fZUmB-2SqT8P

Telegram: @learn with pranav

Chp12 Blood Relations

MTP 2 - Jan 2025

MTP 2 – Jan 2025

(51 & 52)

I. In a family of six members A, B, C, D, E and F, there are two married couples.

II. D is the grandmother of A and mother of B

III. C is wife of B and mother of F

IV. F is granddaughter of E

Who is C to A?

a. Daughter

b. Grandmother

c. Mother ✓

d. Cannot be determined

How many male members are in the family

a. Two

b. Three

c. Four

d. Cannot be determined ✓

(D⁻ E⁺)

(B⁺ C⁻)

A F⁻

C is mother to A

CA PRANAV POPAT

MTP 2 - Jan 2025

MTP 2 – Jan 2025

(51 & 52) I. In a family of six members A, B, C, D, E and F, there are two married couples.

II. D is the grandmother of A and mother of B

III. C is wife of B and mother of F

IV. F is granddaughter of E

Who is C to A?

a. Daughter

b. Grandmother

c. Mother ✓

d. Cannot be determined

How many male members are in the family

a. Two

b. Three

c. Four

d. Cannot be determined ✓

$(D^{-}E^{+})$

$(B^{+}C^{-})$

AF^{-}

C is mother to A

No. of male members cant be determ.

CA PRANAV POPAT

PYQ Sep 2024

PYQ Sep 2024

(88) *A family consists of six members P, Q, R, S, T, & U. There are two married couples. Q is a doctor and father of T. U is grandfather of R and is a contractor; S is grandmother of T and is a house-wife. There is one doctor, one contractor, one professor, one house-wife and two students in the family. Find who is the husband of P.*

a. S b. T

c. R d. Q ✓

(S⁻ housewife U⁺ contractor)

(Q⁺ doctor P⁻ professor)

T student R student

CA PRANAV POPAT

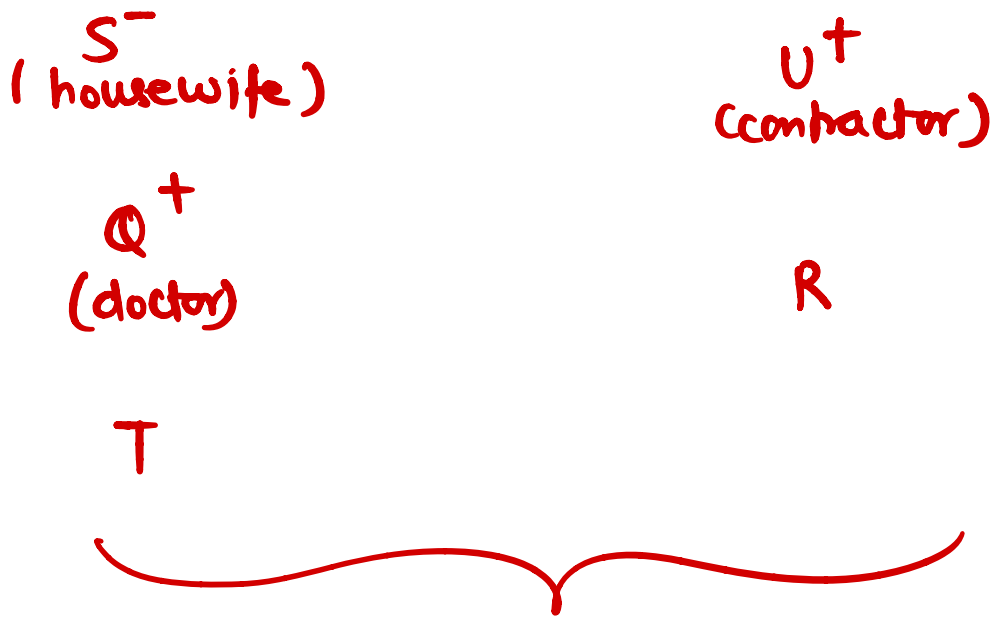
PYQ Sep 2024

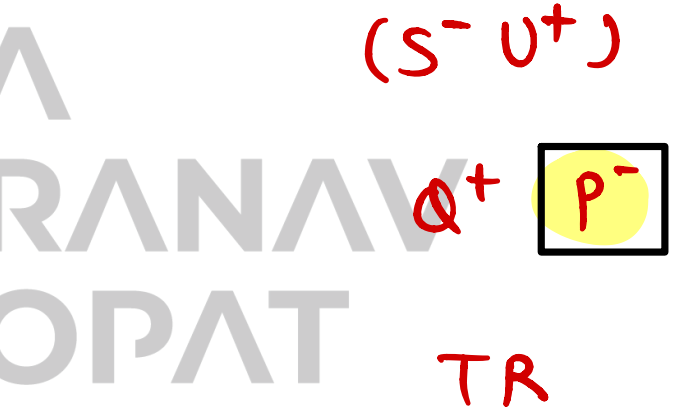
PYQ Sep 2024

(88) *A family consists of six members P, Q, R, S, T, & U. There are two married couples. Q is a doctor and father of T. U is grandfather of R and is a contractor; S is grandmother of T and is a house-wife. There is one doctor, one contractor, one professor, one house-wife and two students in the family. Find who is the husband of P.*

a. S b. T

c. R d. Q





Husband of P is Q

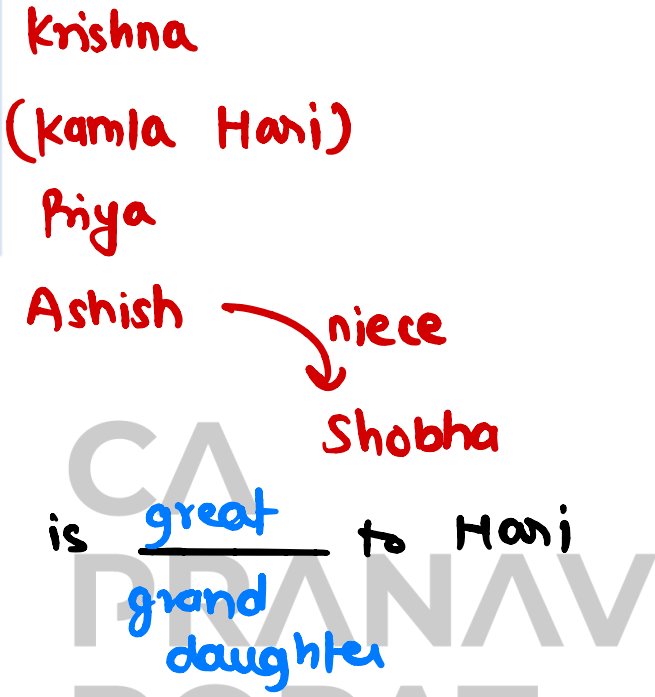
CA PRANAV POPAT

MTP 2 – May 2025

MTP 2 – May 2025

(46) *Shobha is the niece of Ashish. Ashish's mother is Priya. Kamla is Priya's mother. Kamla's husband is Hari. Krishna is the mother-in-law of Hari. How is Shobha related to Hari?*

a. *Daughter*
b. *Great Granddaughter*
c. *Grandniece*
d. *Great Grandson's Daughter*



CA PRANAV POPAT

MTP 2 – May 2025

MTP 2 – May 2025

(46) *Shobha is the niece of Ashish. Ashish's mother is Priya. Kamla is Priya's mother. Kamla's husband is Hari. Krishna is the mother-in-law of Hari. How is Shobha related to Hari?*

a. *Daughter*
b. *Great Granddaughter* ✓
c. *Grandniece*
d. *Great Grandson's Daughter*

Krishna

(Kamla Hari)

Priya

Ashish → niece → Shobha

Shobha is great grand daughter to Hari

CA PRANAV POPAT

MTP 2 – May 2025

MTP 2 – May 2025

(48) *Rampal told Arjun, "Yesterday I defeated the only brother of the daughter of my grandmother." Whom did Rampal defeat?*

a. *Son*

b. *Father* ✓

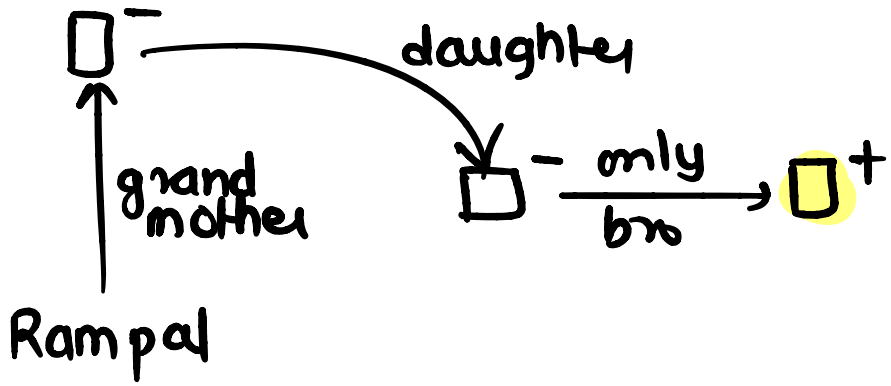
c. *Brother*

d. *Father-in-law*

CA PRANAV POPAT

MTP 2 – May 2025

MTP 2 – May 2025	
(48)	*Rampal told Arjun, "Yesterday I defeated the only brother of the daughter of my grandmother." Whom did Rampal defeat?*
	a. Son
	b. Father ✓
	c. Brother
	d. Father-in-law



Rampal defeated his father

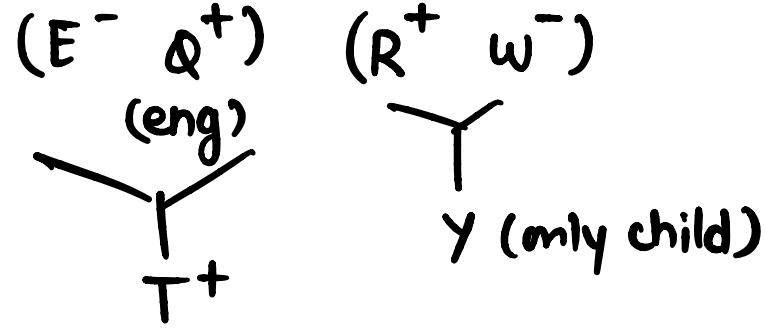
CA PRANAV POPAT

PYQ May 2025

PYQ May 2025

(34) *Q, W, E, R, T, Y are members of a family consisting of two children, one of whom is T is a boy. Q and R are brothers and Q is an engineer. E is a doctor married to one of the brothers. W is married to R, and Y is their only child. How T is related to Q?*

a. *Father*
b. *Brother*
c. *Nephew*
d. *Son*



T is son to Q

CA PRANAV POPAT

PYQ May 2025

PYQ May 2025

(34) *Q, W, E, R, T, Y are members of a family consisting of two children, one of whom is T is a boy. Q and R are brothers and Q is an engineer. E is a doctor married to one of the brothers. W is married to R, and Y is their only child. How T is related to Q?*

a. *Father*
b. *Brother*
c. *Nephew*
d. *Son* ✓

(E⁻ Q⁺)(R⁺ W̄)
(doctor) (eng)
T⁺ Y (only child)

T is son to Q

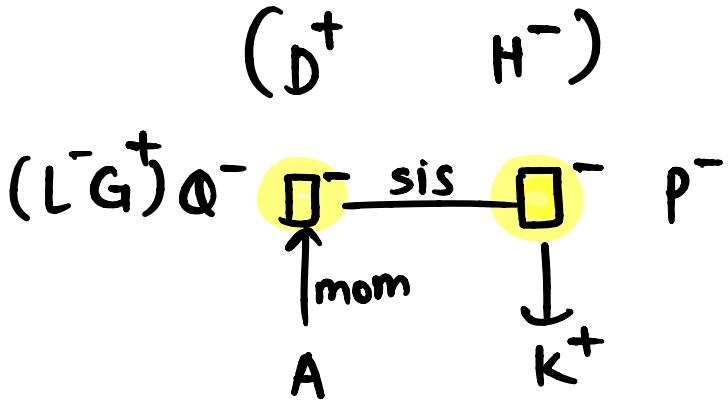
CA PRANAV POPAT

PYQ May 2025

PYQ May 2025

(35) *K is the son of A's mother's sister. Q is daughter of D, who is the father of G and grandfather of A. P is the daughter of H, who is grandmother of K. D is husband of H and G is husband of L. How is P related to Q?*

a. *Mother*
b. *Sister* ✓
c. *Daughter*
d. *Cousin*



P is sister to Q

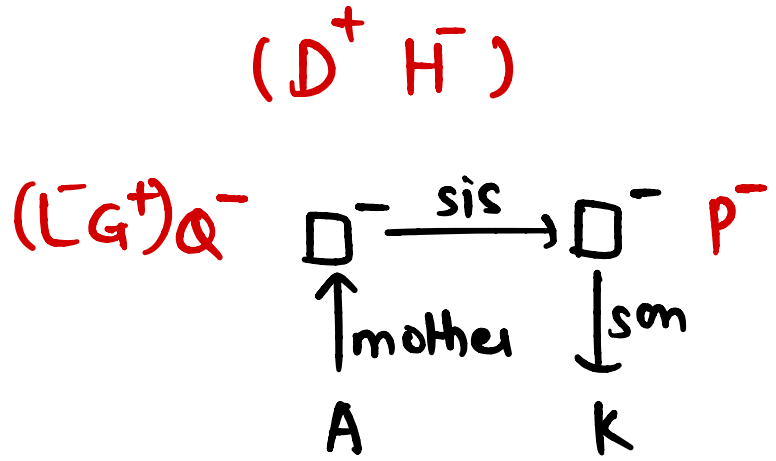
CA PRANAV POPAT

PYQ May 2025

PYQ May 2025

(35) *K is the son of A's mother's sister. Q is daughter of D, who is the father of G and grandfather of A. P is the daughter of H, who is grandmother of K. D is husband of H and G is husband of L. How is P related to Q?*

a. *Mother*
b. *Sister* ✓
c. *Daughter*
d. *Cousin*



P is sister to Q

CA PRANAV POPAT

(58-59.) There are seven members A, C, D, E, F, G and H in a family. There are two fathers, one mother two sisters and four brothers. E is the sister-in-law of D. G is a daughter of C. F is the brother of E. A is a grandfather of G. E is a mother of H?

58. How is H related to A?

(a) Grandson

(b) Granddaughter

(c) Son

(d) Cannot be determined

59. How many male members in the family?

(a) 4

(b) 5

(c) 3

(d) Data Inadequate

(58-59.) There are seven members A, C, D, E, F, G and H in a family. There are two fathers, one mother two sisters and four brothers. E is the sister-in-law of D. G is a daughter of C. F is the brother of E. A is a grandfather of G. E is a mother of H?

58. How is H related to A?

(a) Grandson

(b) Granddaughter

(c) Son

(d) Cannot be determined

59. How many male members in the family?

(a) 4

(b) 5

(c) 3

(d) Data Inadequate

RTP Sep 2024

17. Sanjay has three daughters, and each daughter has a brother. How many male members are there in the family?

(a) 4

(b) 2

(c) 3

(d) 1

CA PRANAV POPAT

RTP Sep 2024

17. Sanjay has three daughters, and each daughter has a brother. How many male members are there in the family?

(a) 4

(b) 2

(c) 3

(d) 1

CA PRANAV POPAT

PYQ Jun 24

PYQ June 24

A says, "B is my sister's son". B says, "C is my father-in-law", C says, "D is my wife's Brother". What can be the relationship between A and D?

a. Uncle – Nephew
b. Brother – Sister
c. Father – Son
d. Cousins

CA PRANAV POPAT

PYQ Jun 24

PYQ June 24

A says, "B is my sister's son". B says, "C is my father-in-law", C says, "D is my wife's Brother". What can be the relationship between A and D?

a. *Uncle – Nephew*
b. *Brother – Sister*
c. *Father – Son*
d. *Cousins*

CA PRANAV POPAT

PYQ Jun 24

PYQ June 24

Consider the relations: Raja is husband of Devi; Karan is the father of Gopal; Arjun is the son of Shoha; Ashok is brother of Shoha; Arjun's father Karan is the son-in-law of Devi. How is Raja related to Ashok?

a.	*Father*	*b.*	*Uncle*
c.	*Son-in-law*	*d.*	*Grandfather*

CA PRANAV POPAT

PYQ Jun 24

PYQ June 24

Consider the relations: Raja is husband of Devi; Karan is the father of Gopal; Arjun is the son of Shoha; Ashok is brother of Shoha; Arjun's father Karan is the son-in-law of Devi. How is Raja related to Ashok?

a. *Father*
b. *Uncle*
c. *Son-in-law*
d. *Grandfather*

CA PRANAV POPAT

MTP June 2024 Series III

57. Pointing out to a photograph, a man tells his friend, “She is the daughter of the only son of my father’s wife.” How is the girl in the photograph related to the man?

(a) Daughter

(b) Mother

(c) Cousin

(d) Sister

CA PRANAV POPAT

MTP June 2024 Series III

57. Pointing out to a photograph, a man tells his friend, "She is the daughter of the only son of my father's wife." How is the girl in the photograph related to the man?

(a) Daughter

(b) Mother

(c) Cousin

(d) Sister

CA PRANAV POPAT

MTP June 2024 Series III (Ans 14)

58. A party consists of grandmother, father, mother, four sons and their wives and one son and two daughters to each of the sons. How many females are there is all?

(a) 13

(b) 16

(c) 18

(d) 24

CA PRANAV POPAT

MTP June 2024 Series III (Ans 14)

58. A party consists of grandmother, father, mother, four sons and their wives and one son and two daughters to each of the sons. How many females are there is all?

(a) ~~13~~ 14

(b) 16

(c) 18

(d) 24

CA PRANAV POPAT

MTP June 2024 Series II

MTP June 24 Series II

Pointing to the lady in the photograph , Seema said, "Her son's father is the son-in-law of my mother." How is Seema related to the lady?

a. Sister
b. Mother
c. Cousin
d. Aunt

CA PRANAV POPAT

MTP June 2024 Series II

MTP June 24 Series II

Pointing to the lady in the photograph , Seema said, "Her son's father is the son-in-law of my mother." How is Seema related to the lady?

a. Sister
b. Mother
c. Cousin
d. Aunt

CA PRANAV POPAT

PYQ Dec 23

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

a. Brother
b. Nephew
c. Brother-in-law
d. Sister-in-law

CA PRANAV POPAT

PYQ Dec 23

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

a. Brother
b. Nephew
c. Brother-in-law
d. Sister-in-law

CA PRANAV POPAT

MTP June 2023 Series II

The brother of X's mother is the only son of Y's mother's father. How is Y's mother related to X.

a. Mother
b. Daughter
c. Grandmother
d. Cannot be determined

CA PRANAV POPAT

MTP June 2023 Series II

The brother of X's mother is the only son of Y's mother's father. How is Y's mother related to X.

a. Mother
b. Daughter
c. Grandmother
d. Cannot be determined

CA PRANAV POPAT

PYQ Dec 23

When Mr. P saw Mr. Q he recalled, "He is the son of the father of my daughter's mother". Who is Mr. Q to Mr. P?

a. *Brother*
b. *Cousin*
c. *Nephew*
d. *Brother-in-law*

CA PRANAV POPAT

PYQ Dec 23

When Mr. P saw Mr. Q he recalled, "He is the son of the father of my daughter's mother". Who is Mr. Q to Mr. P?

a. Brother
b. Cousin
c. Nephew
d. Brother-in-law

CA PRANAV POPAT

PYQ Dec 23

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

a. *Mother-in-law*

b. *Sister of father-in-law*

c. *Mother of father-in-law*

d. *Cousin*

CA PRANAV POPAT

PYQ Dec 23

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

a. *Mother-in-law*

b. *Sister of father-in-law*

c. *Mother of father-in-law*

d. *Cousin*

CA PRANAV POPAT

PYQ Nov. 18

Ram and Mohan are brothers, Shankar is Mohan's father. Chhaya is Shankar's sister. Priya is Shankar's niece. Shubhra is chhaya's granddaughter. How is Ram related to Shubhra?

a. Brother
b. Uncle
c. Cousin
d. Nephew

CA PRANAV POPAT

PYQ Nov. 18

Ram and Mohan are brothers, Shankar is Mohan's father. Chhaya is Shankar's sister. Priya is Shankar's niece. Shubhra is chhaya's granddaughter. How is Ram related to Shubhra?

a. Brother
b. Uncle
c. Cousin
d. Nephew

CA PRANAV POPAT

PYQ Nov. 18

Pointing to a man in a photograph, a women said, "the father of his brother is the only son of my grandfather", how is the women related to the man in the photograph?

a. Mother *b. Aunty*

c. Daughter *d. Sister*

CA PRANAV POPAT

PYQ Nov. 18

Pointing to a man in a photograph, a women said, "the father of his brother is the only son of my grandfather", how is the women related to the man in the photograph?

a. Mother
b. Aunty
c. Daughter
d. Sister

CA PRANAV POPAT

PYQ Dec. 21

R told to M as, "the girl, I met at the beach, was the youngest daughter of the brother-in-law of my friend's mother". How is the girl related to R's friend?

a. Cousin *b. Daughter*

c. Niece *d. Aunt*

CA PRANAV POPAT

PYQ Dec. 21

R told to M as, "the girl, I met at the beach, was the youngest daughter of the brother-in-law of my friend's mother". How is the girl related to R's friend?

a. Cousin
b. Daughter
c. Niece
d. Aunt

CA PRANAV POPAT

PYQ Dec 22

There are six children playing football namely A, B, C, D, E and F, A & E are brothers. F is sister of E, C is the only son of A's uncle. B & D are daughters of the brother of C's father. How D is related to A?

a. Uncle
b. Cousin
c. Niece
d. Sister

CA PRANAV POPAT

PYQ Dec 22

There are six children playing football namely A, B, C, D, E and F, A & E are brothers. F is sister of E, C is the only son of A's uncle. B & D are daughters of the brother of C's father. How D is related to A?

a. Uncle
b. Cousin
c. Niece
d. Sister

CA PRANAV POPAT

Chp10 Direction Test

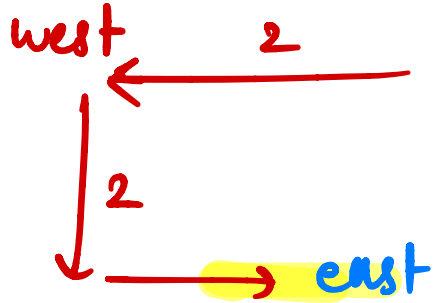
PYQ Jan 2025

sun - east

PYQ Jan 2025

(95) *In the morning Anika started walking from a point where her shadow falls in front of her. She walked 2 kms and then turned left and walked 2 kms. Again she turned left and walked 2 kms. In which direction is she now facing?*

a. *East* ✓
b. *West*
c. *South*
d. *North*



CA PRANAV POPAT

PYQ Jan 2025

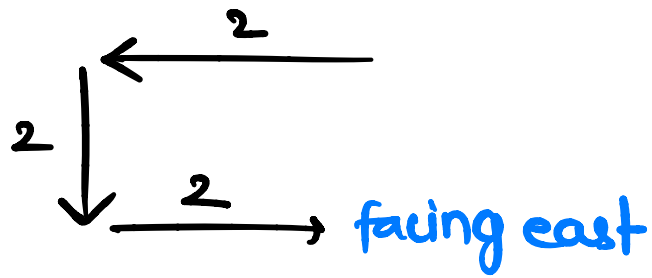
PYQ Jan 2025

(95) *In the morning Anika started walking from a point where her shadow falls in front of her. She walked 2 kms and then turned left and walked 2 kms. Again she turned left and walked 2 kms. In which direction is she now facing?*

a. East ✓ b. West

c. South d. North

shadow falls in front in morning if going opp to sun i.e. west



CA PRANAV POPAT

PYQ Sep 2024

PYQ Sep 2024

(74) *One morning after sunrise, A and B were talking to each other face to face very closely at a crossing point. If B's shadow was exactly to the right of A, in which direction B was facing?*

a. West *b.* East

c. North *d.* South

CA PRANAV POPAT

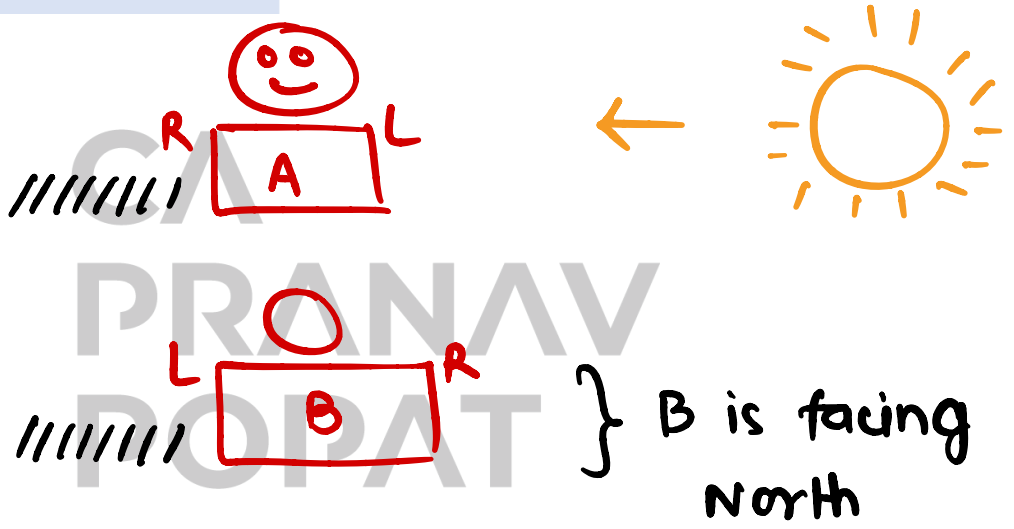
PYQ Sep 2024

PYQ Sep 2024

(74) *One morning after sunrise, A and B were talking to each other face to face very closely at a crossing point. If B's shadow was exactly to the right of A, in which direction B was facing?*

a. West *b.* East

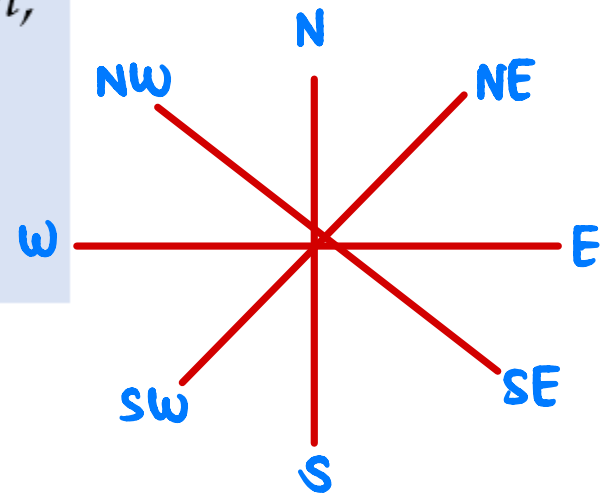
c. North *d.* South



CA PRANAV POPAT

MTP 2 – May 2025

MTP 2 – May 2025			
(55)	If North-East is called East, North is called North-East and North-West is called North, then what will south be called as?		
	a. West	b. South-West	
	c. North-West	d. East	



CA PRANAV POPAT

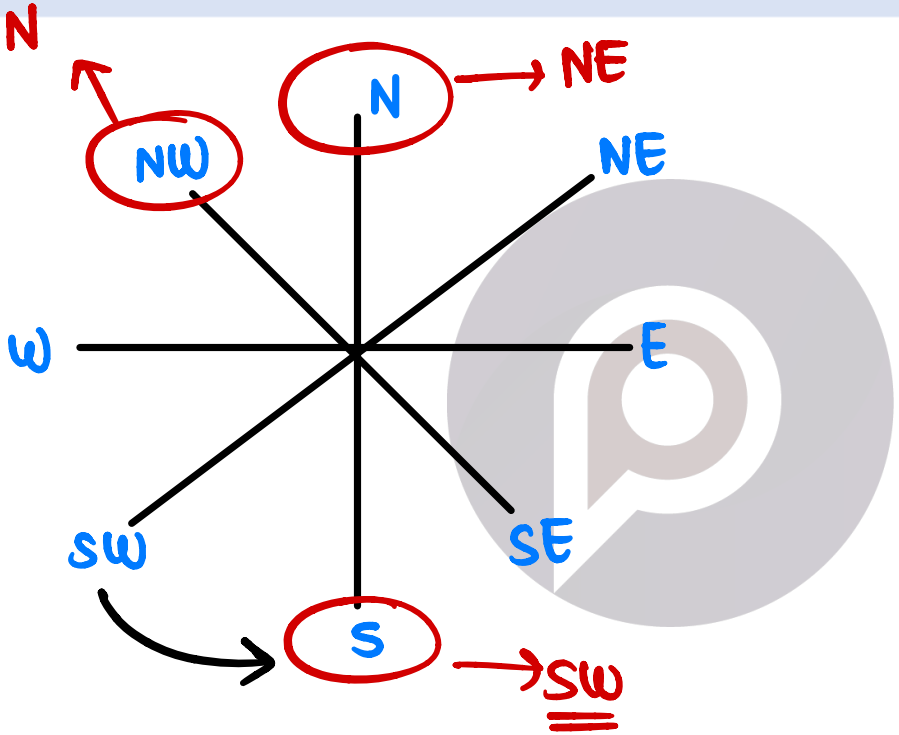
MTP 2 – May 2025

MTP 2 – May 2025

(55) *If North-East is called East, North is called North-East and North-West is called North, then what will south be called as?*

a. West *b.* South-West ✓

c. North-West *d.* East



one position shifted anticlockwise

so south will be called as south west

CA PRANAV POPAT

PYQ May 2025

PYQ May 2025

(24) *Two cars start from the opposite places on a highway, 150 km apart. First car runs for 25 km and takes a right turn and then runs for 15 km. If then turns left and then runs for another 25 km and then takes the direction back to reach the main road. In the mean time, due to minor break down the other car has run only 35 km along the main road. What would be the distance between two cars at this point?*

a. 65 km b. 75 km

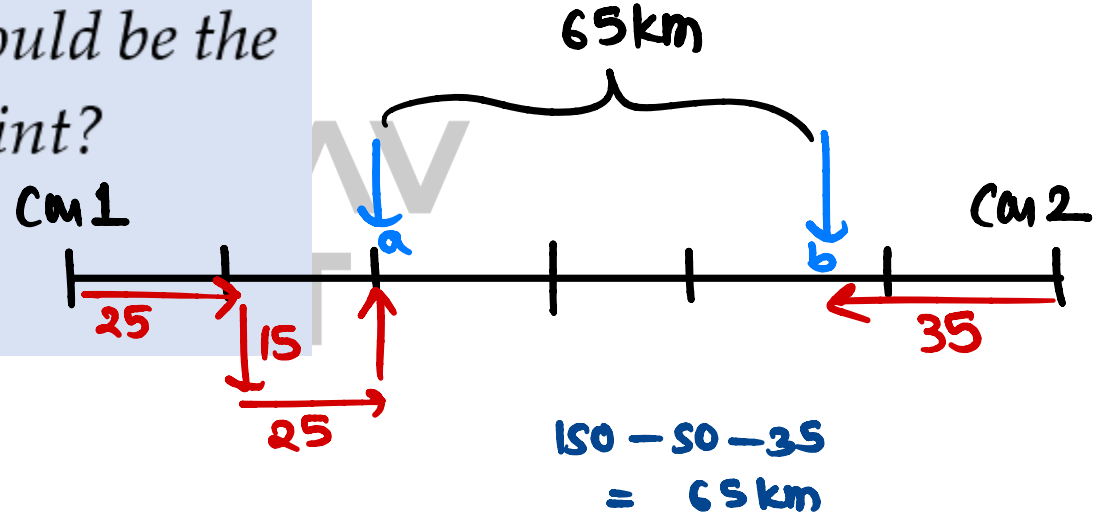
c. 80 km d. 85 km

PYQ May 2025

PYQ May 2025

(24) *Two cars start from the opposite places on a highway, 150 km apart. First car runs for 25 km and takes a right turn and then runs for 15 km. If then turns left and then runs for another 25 km and then takes the direction back to reach the main road. In the mean time, due to minor break down the other car has run only 35 km along the main road. What would be the distance between two cars at this point?*

a. 65 km
b. 75 km
c. 80 km
d. 85 km



PYQ May 2025

PYQ May 2025

(27) *At a crossing, there was a direction pole, which was showing all the four correct directions. But due to the wind, it turns in such a manner that now West Pointer is showing South. Harish went in the wrong direction thinking he was travelling East. In which direction he was actually travelling?*

a. South b. North

c. West d. East

POPAT

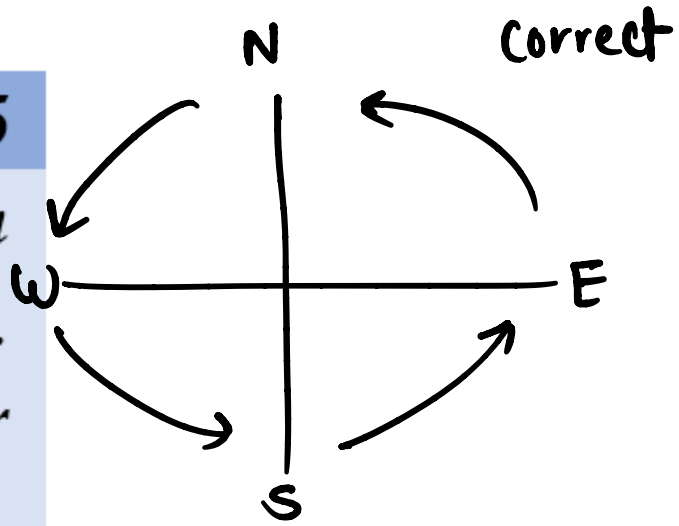
PYQ May 2025

PYQ May 2025

(27) *At a crossing, there was a direction pole, which was showing all the four correct directions. But due to the wind, it turns in such a manner that now West Pointer is showing South. Harish went in the wrong direction thinking he was travelling East. In which direction he was actually travelling?*

a. South b. North

c. West d. East



North is wrongly shown as East now

POPAT

MTP Sep 2024 Series I

47. ~~Namita walks 40 metres towards west~~ Namita walks 14 metres towards west, then turns to her right and walks 14 metres and then turns to her left and walks 10 metres. Again turning to her left she walks 14 metres. What is the shortest distance (in metres) between her starting point and the present position?

(a) 38

(b) 28

(c) 10

(d) 24

CA PRANAV POPAT

MTP Sep 2024 Series I

47. ~~Namita walks 40 metres towards west~~ Namita walks 14 metres towards west, then turns to her right and walks 14 metres and then turns to her left and walks 10 metres. Again turning to her left she walks 14 metres. What is the shortest distance (in metres) between her starting point and the present position?

(a) 38

(b) 28

(c) 10

(d) 24

CA PRANAV POPAT

49. Maya starts at point T, walks straight to point U which is 4 ft. away. She turns left, at 90° and walks to W which is 4 ft. away. turns 90° right and goes 3 ft. to P. turns 90° right and walks 1 ft. to Q, turns left at 90° and goes to V, which is 1 ft. away and once again turns 90° right and goes to R. 3 ft. away. What is the distance between T and R?

(a) 4 feet

(b) 5 feet

(c) 7 feet

(d) 8 feet

CA PRANAV POPAT

MTP Sep 2024 Series I

49. Maya starts at point T, walks straight to point U which is 4 ft. away. She turns left, at 90° and walks to W which is 4 ft. away. turns 90° right and goes 3 ft. to P. turns 90° right and walks 1 ft. to Q, turns left at 90° and goes to V, which is 1 ft. away and once again turns 90° right and goes to R. 3 ft. away. What is the distance between T and R?

(a) 4 feet

(b) 5 feet

(c) 7 feet

(d) 8 feet ✓

CA PRANAV POPAT

RTP Sep 2024

15.. Raju leaves his house and walks 12 km towards North. He turns right and walks another 12 km. He turns right, walks 12 km more and turns left to walk 5 km. How far is he from his home and in which direction?

(a) 7 km east

(b) 10 km east

(c) 17 km east

(d) 24 km east

CA PRANAV POPAT

RTP Sep 2024

15.. Raju leaves his house and walks 12 km towards North. He turns right and walks another 12 km. He turns right, walks 12 km more and turns left to walk 5 km. How far is he from his home and in which direction?

(a) 7 km east

(b) 10 km east

(c) 17 km east

(d) 24 km east

CA PRANAV POPAT

PYQ June 2024

PYQ June 24

Ram started walking from A, 200 m towards North to reach B. Then he turned right and walks 300 m to reach C. Then he turns right and walks 350 m to reach D. Then he turns left and walks 150 m to reach E. Finally, he turns left and walks 150 m. He arrived at the point F. What is the distance between point A and F?

a. 450 m
b. 200 m
c. 250 m
d. 300 m

CA PRANAV POPAT

PYQ June 2024

PYQ June 24

Ram started walking from A, 200 m towards North to reach B. Then he turned right and walks 300 m to reach C. Then he turns right and walks 350 m to reach D. Then he turns left and walks 150 m to reach E. Finally, he turns left and walks 150 m. He arrived at the point F. What is the distance between point A and F?

a. 450 m
b. 200 m
c. 250 m
d. 300 m

CA PRANAV POPAT

MTP June 2024 Series II

MTP June 24 Series II

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

a. 80 m
b. 90 m
c. 100 m
d. 110 m

CA PRANAV POPAT

MTP June 2024 Series II

MTP June 24 Series II

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

a. 80 m
b. 90 m
c. 100 m ✓
d. 110 m

CA PRANAV POPAT

MTP June 2024 Series II

MTP June 24 Series II

If A x B means A is to the south of B; A + B means A is to the north of B; A % B means A is to the east of B; A - B means A is to the west of B; then in P % Q + R - S, S is in which direction with respect to Q?

a. South-West
b. South-East
c. North-East
d. North-West

CA PRANAV POPAT

MTP June 2024 Series II

MTP June 24 Series II

If A x B means A is to the south of B; A + B means A is to the north of B; A % B means A is to the east of B; A - B means A is to the west of B; then in P % Q + R - S, S is in which direction with respect to Q?

a. South-West
b. South-East
c. North-East
d. North-West

CA PRANAV POPAT

MTP Dec 2023 Series II

One day, Pranav took his car & commenced his journey from his home and drove 25 km towards north and turned to his left and drove another 12.5 km. After waiting to meet a friend Deepak, he turned to his right and continued to drive another 25 km. After covering a distance of 62.5 km till now, in which direction is he now?

a. North
b. East
c. South-East
d. South

PRANAV POPAT

MTP Dec 2023 Series II

One day, Pranav took his car & commenced his journey from his home and drove 25 km towards north and turned to his left and drove another 12.5 km. After waiting to meet a friend Deepak, he turned to his right and continued to drive another 25 km. After covering a distance of 62.5 km till now, in which direction is he now?

a. North
b. East
c. South-East
d. South

PRANAV POPAT

MTP Dec 23 Series I

Hari in order to go to university started from his house in the east and came to a crossing. The road to the left ends in a theatre, straight ahead is the hospital. In which direction is the university?

a. North b. South

c. East d. West

CA PRANAV POPAT

MTP Dec 23 Series I

Hari in order to go to university started from his house in the east and came to a crossing. The road to the left ends in a theatre, straight ahead is the hospital. In which direction is the university?

a. North
b. South
c. East
d. West

CA PRANAV POPAT

PYQ Jun 23

Mr. Kartik puts his time piece on the table in such a way that at 6:00 PM, hours hand points to north. In which direction the minute hand will point at 9:15PM?

a. South-East
b. East
c. West
d. South-West

CA PRANAV POPAT

PYQ Jun 23

Mr. Kartik puts his time piece on the table in such a way that at 6:00 PM, hours hand points to north. In which direction the minute hand will point at 9:15PM?

a. South-East
b. East
c. West
d. South-West

CA PRANAV POPAT

MTP Dec 2023 Series I

The length and breadth of a room are 8 metre and 6 metre respectively. A cat runs along all four walls and finally along diagonal order to catch a rat. How much total distance covered by the cat?

a. 10 b. 14

c. 38 d. 48

CA PRANAV POPAT

MTP Dec 2023 Series I

The length and breadth of a room are 8 metre and 6 metre respectively. A cat runs along all four walls and finally along diagonal order to catch a rat. How much total distance covered by the cat?

a. 10 b. 14

c. 38 d. 48

CA PRANAV POPAT

MTP Dec 2023 Series II

After 3 pm on a Sunny day when Vicky was returning from his college, he saw that his uncle was coming from the opposite direction. His uncle talked to him for sometime. Vicky saw that the shadow of his uncle was to his right side. Which direction was his uncle facing during their talk ?

a. North
b. South
c. East
d. None of these

CA PRANAV POPAT

MTP Dec 2023 Series II

After 3 pm on a Sunny day when Vicky was returning from his college, he saw that his uncle was coming from the opposite direction. His uncle talked to him for sometime. Vicky saw that the shadow of his uncle was to his right side. Which direction was his uncle facing during their talk ?

a. North
b. South
c. East
d. None of these

CA PRANAV POPAT

PYQ July 21

One morning after sunrise, Vikram and Shailesh were standing in a down with their back towards each other. Vikram's shadow fell exactly towards left hand side. Which direction was Shailesh facing?

a. South – West
b. West
c. South
d. East – South

CA PRANAV POPAT

PYQ July 21

One morning after sunrise, Vikram and Shailesh were standing in a down with their back towards each other. Vikram's shadow fell exactly towards left hand side. Which direction was Shailesh facing?

a. South – West
b. West
c. South ✓
d. East – South

CA PRANAV POPAT

MTP Nov 21

Sanjay started from his house towards west. After a walking a distance 15 km he turned to the right and walked 10 km, he again turned to the right and walked 5 km. After this he turns left at 135° and covered 10 km in which direction should he is going?

a. South
b. South-West
c. South-East
d. North –West

CA PRANAV POPAT

MTP Nov 21

Sanjay started from his house towards west. After a walking a distance 15 km he turned to the right and walked 10 km, he again turned to the right and walked 5 km. After this he turns left at 135° and covered 10 km in which direction should he is going?

a. South
b. South-West
c. South-East
d. North –West

CA PRANAV POPAT

PYQ July 21

Five friends A, B, C, D, E are staying in the same locality. B's house is to the East of A's house and to the North of C's house. C's house is to the West of D's house. D's house is in which direction with respect to A's house?

a. North – East
b. South – East
c. North – West
d. South – West

CA PRANAV POPAT

PYQ July 21

Five friends A, B, C, D, E are staying in the same locality. B's house is to the East of A's house and to the North of C's house. C's house is to the West of D's house. D's house is in which direction with respect to A's house?

a. North – East
b. South – East
c. North – West
d. South – West

CA PRANAV POPAT

PYQ Dec 22

Radha moves towards South – East a distance of 7 km, then she moves towards West and travels a distance of 14 km. From here she moves towards North – West a distance of 7 km. and finally she moves a distance of 4 km. towards East. How far is she now from the starting point?

a. 3 km
b. 4 km
c. 10 km
d. 11 km

CA PRANAV POPAT

PYQ Dec 22

Radha moves towards South – East a distance of 7 km, then she moves towards West and travels a distance of 14 km. From here she moves towards North – West a distance of 7 km. and finally she moves a distance of 4 km. towards East. How far is she now from the starting point?

a. 3 km
b. 4 km
c. 10 km
d. 11 km

CA PRANAV POPAT

MTP Apr 21

Kiran walks 2 km towards North then he turns East and walks 10 km. After this he turns North and walks 3 km .Again he turns towards East and walks 2 km. How far from the starting point?

a. *10 km* *b.* *13 km*

c. *15 km* *d.* *17 km*

CA PRANAV POPAT

MTP Apr 21

Kiran walks 2 km towards North then he turns East and walks 10 km. After this he turns North and walks 3 km .Again he turns towards East and walks 2 km. How far from the starting point?

a. 10 km
b. 13 km
c. 15 km
d. 17 km

CA PRANAV POPAT

PYQ Dec. 21

R's office is 4 km in East direction from his home and club is 4 km in North direction from his home. On midway from office to club, R starts moving towards his home. In which direction is he facing his back?

a. South – East
b. North – West
c. North – East
d. South - West

CA PRANAV POPAT

PYQ Dec. 21

R's office is 4 km in East direction from his home and club is 4 km in North direction from his home. On midway from office to club, R starts moving towards his home. In which direction is he facing his back?

a. South – East
b. North – West
c. North – East
d. South - West

CA PRANAV POPAT

PYQ Dec 22

One morning a boy starts walking in a particular direction for 5 km and then takes a left turn and walks another 5 km. thereafter he again takes left turn and walks another 5 km and at last he takes right turn and walks 5 km. Now he sees his shadow in front of him. What direction he did start initially?

a. South *b. North*

c. West *d. East*

CA PRANAV POPAT

PYQ Dec 22

One morning a boy starts walking in a particular direction for 5 km and then takes a left turn and walks another 5 km. thereafter he again takes left turn and walks another 5 km and at last he takes right turn and walks 5 km. Now he sees his shadow in front of him. What direction he did start initially?

a. South
b. North
c. West
d. East

CA PRANAV POPAT