

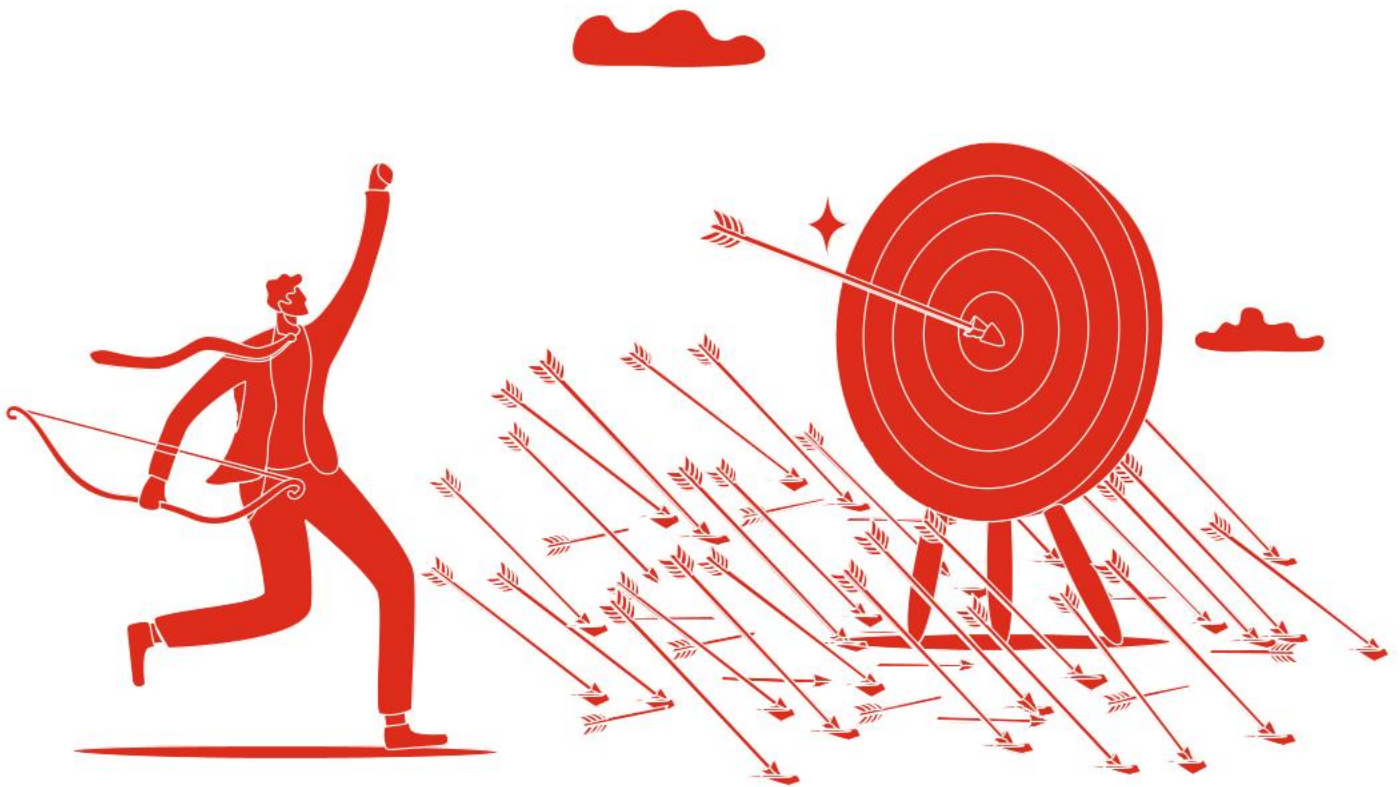
# & It All Began with one small WIN



**99% of the FAILURES  
come from people who  
have the habit of EXCUSES**

**- CA VINOD REDDY -**

**Mistakes are PROOF....  
that you are TRYING**



**Forget the Mistake....  
Remember the LESSON!**

**CA VINOD REDDY**

# LOGICAL REASONING CA VINOD REDDY



## Logical Reasoning

**1** Series is classified into

- A. Number Series.
- B. Alphabet Series.
- C. Letter Series.

**2** 2, 7, 16, ?, 46, 67, 92

~~a. 29~~

b. 31

c. 41

d. None



$$2 + 5 = 7$$

$$7 + 9 = 16$$

$$16 + 13 = 29$$

$$29 + 17 = 46$$

$$46 + 21 = 67$$

$$67 + 25 = 92$$

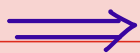
**3** 2, 5, 10, 17, ?, 37

a. 30

b. 21

c. 25

~~d. 26~~



$$2 + 3 = 5$$

$$5 + 5 = 10$$

$$10 + 7 = 17$$

$$17 + 9 = 26$$

$$26 + 11 = 37$$

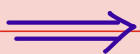
**4** 1, 1, 4, 8, 9, 27, 16, ?

a. 32

b. 48

~~c. 64~~

d. 50



$$1^2, 1^3, 2^2, 2^3, 3^2, 3^3, 4^2, 4^3 = 64$$

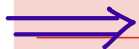
**5** 120, 99, 80, 63, ?

~~a. 48~~

b. 40

c. 30

d. None



$$11^2 - 1 = 120$$

$$10^2 - 1 = 99$$

$$9^2 - 1 = 80$$

$$8^2 - 1 = 63$$

$$7^2 - 1 = 48$$

**6** 10, 11, 22, 23, 46, 47, 94, 95

a. 96

b. 110

~~c. 190~~

d. 180

$$10 + 1 = 11$$

$$11 \times 2 = 22$$

$$22 + 1 = 23$$

$$23 \times 2 = 46$$

$$46 + 1 = 47$$

$$47 \times 2 = 94$$

$$94 + 1 = 95$$

$$95 \times 2 = 190$$

**7** 1000, 500, 250, 125, ?

a. 69

b. 25

c. 60

~~d. 62.5~~

$$1000 \div 2 = 500$$

$$500 \div 2 = 250$$

$$250 \div 2 = 125$$

$$125 \div 2 = 62.50$$

## Logical Reasoning

8 6, 11, 17, 24, 32, ?

~~a. 41~~

b. 40

c. 64

d. None of these

$$6 + 5 = 11$$

$$17 + 7 = 24$$

$$32 + 9 = 41$$

$$11 + 6 = 17$$

$$24 + 8 = 32$$

9 1, 9, 25, 49, 81, ?

a. 169

~~b. 121~~

c. 225

d. 289

$$1^2, 3^2, 5^2, 7^2, 9^2,$$

$$11^2 = 121$$

10 10, 12, 36, 38, 114, 116, 348, ?

~~a. 350~~

b. 1050

c. 1044

d. None of these

$$10 + 2 = 12$$

$$36 + 2 = 38$$

$$114 + 2 = 116$$

$$348 + 2 = 350$$

$$12 \times 3 = 36$$

$$38 \times 3 = 114$$

$$116 \times 3 = 348$$

11 5760, 960, 192, ?, 16, 8

~~a. 48~~

b. 64

c. 384

d. None of these

$$5760 \div 6 = 960$$

$$192 \div 4 = 48$$

$$16 \div 2 = 8$$

$$960 \div 5 = 192$$

$$48 \div 3 = 16$$

12 5, 25, 36, 6, 8, 64, 625, ?

~~a. 25~~

b. 390625

c. 125

d. 5

$$5, 5^2, 36, \sqrt{36}, 8, 8^2, 625,$$

$$\sqrt{625} = 25$$

13 2, 3, 5, 7, 11, 13, ?

a. 19

~~b. 17~~

c. 15

d. 21

series of prime numbers : 2, 3, 5, 7, 11, 13, (17)

### My Notes

8, 10, 30, 33, 132, 136, ?



$$8 + 2 = 10$$

$$30 + 3 = 33$$

$$132 + 4 = 136$$

$$10 \times 3 = 30$$

$$33 \times 4 = 132$$

$$136 \times 5 = 680$$

14

Coding

Letter Coding

Number Coding

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

15 If MENTION is coded as NFOUJPO then EXPERT will be coded as -

M E N T I O N      E X P E R T  
 Plus: 1                      + 1  
 N F O U J P O      F E X P E R T

16 If VINOD is coded as WHONE then SUSHEEL will be coded as -

V I N O D      S U S H E E L  
 +1 -1 +1 -1 +1      +1 -1 +1 -1 +1  
 W H O N E      T T T T F O F F D M

17 If TAP is coded as QBU then GREEN will be coded as -

T A P → Reverse P P A T Plus 1 ⇒ Q B U  
 G R E E N → Reverse N E E R G Plus 1 ⇒ O F F S H

18 If MOBILE is coded as NQEMQK then ASHWAT will be coded as -

M O B I L E      A S H W A T  
 +1 +2 +3 +4 +5 +6      +1 +2 +3 +4 +5 +6  
 N Q E M Q K      B U R A F Z

19 If MAT is coded as 34 then PILLAR will be coded as -

MAT ⇒ 13 + 1 + 20 = 34  
 PILLAR ⇒ 16 + 9 + 12 + 12 + 1 + 18 = 68

My Notes

If Book is coded as Y L L P then  
 VINOD is coded as : From end  
 ⇒ B O O K : 2<sup>nd</sup>, 1<sup>st</sup>, 1<sup>st</sup>, 11<sup>th</sup> : Y L L P  
 V I N O D : 22<sup>nd</sup>, 9<sup>th</sup>, 14<sup>th</sup>, 15<sup>th</sup>, 4<sup>th</sup> : E R M L I N

**Logical Reasoning**

**20** Find the odd man out -

odd man out

i. January, May, December, April

April : only month of 30 days

ii. 10, 14, 16, 28, 17, 30, 38, 42

17 : only odd number

iii. 25, 49, 35, 81, 121, 64, 4

35 : only Non perfect square

iv. 78, 91, 26, 52, 130, 117, 82, 143, 39

82 : only number non divi. by 13

v. 1, 64, 27, 16, 125, 343

16 : only Non perfect cube

vi. Physics, Biology, Chemistry, Accounts

Accounts : only subject from comm.

vii. Book, Pen, Pencil, Bike

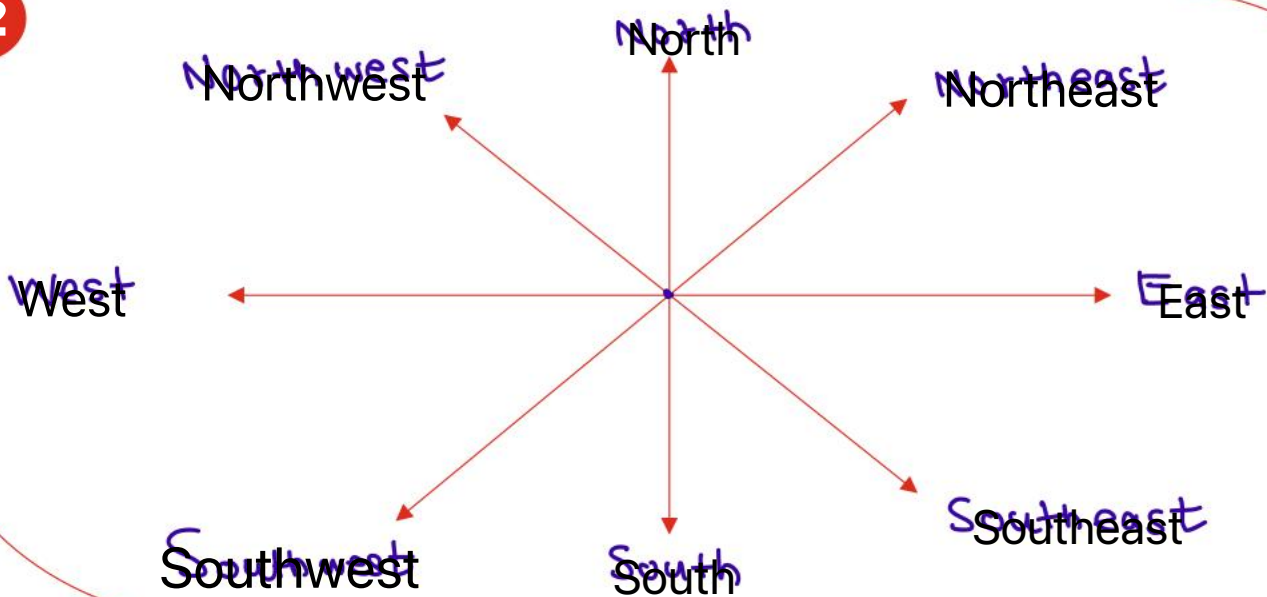
Bike : only non-educational stationery.

**21** Find the odd man out - 49, 39, 36, 225

- 39 : only Non perfect square .
- 225 : only 3 digit Number .
- 36 : only even Number .
- 49 : only Non divisible by 3 .

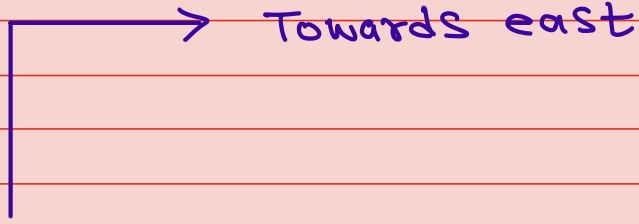
} ambiguity  
Y ambiguity

**22**

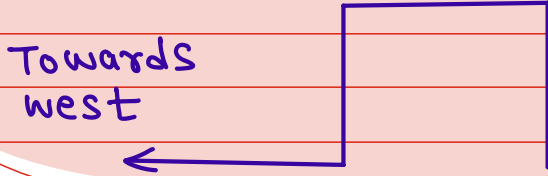


**My Notes**

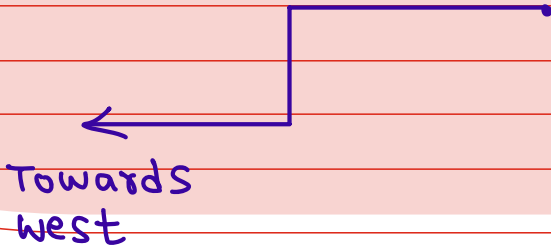
23 North then right



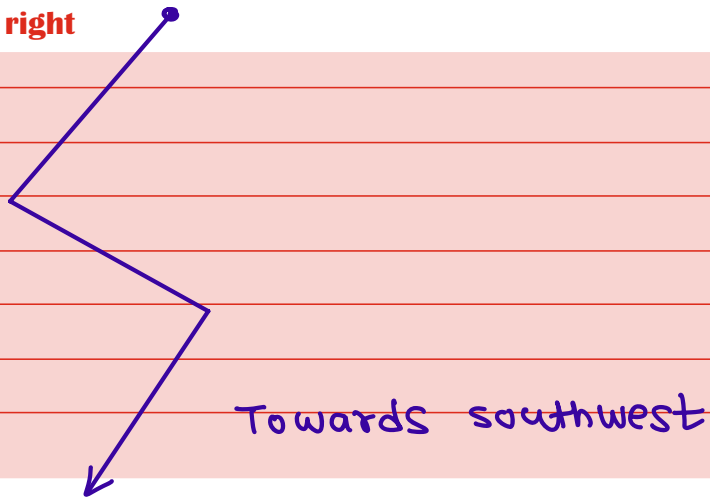
24 North left then left then right



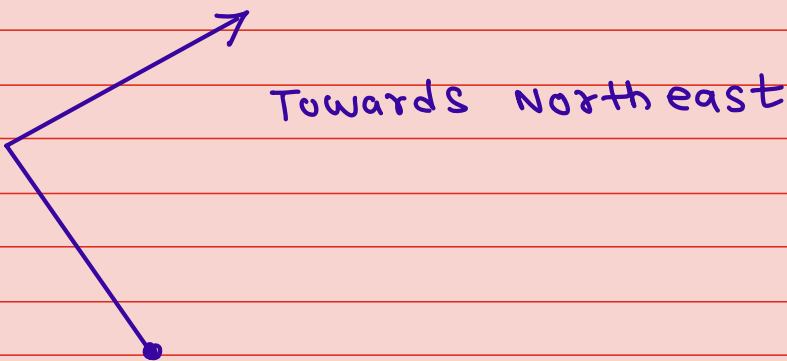
25 West then left then right



26 Southwest then left then right



27 Northwest then right



**28** Seating arrangements are classified into

- i) Linear arrangements (in a Line)
- ii) circular arrangements
- iii) polygonic arrangements

**29** P      Q      R      S      T      facing north

Who are to the left of R : P, Q

Who is to the immediate left of S : R

Who is to the immediate right of P : Q

**30** A      B      C      D      E      F      facing south

Who is to the right of A : No one.

Who is to the left of B : C, D, E, F

Who is to the immediate right of C : B

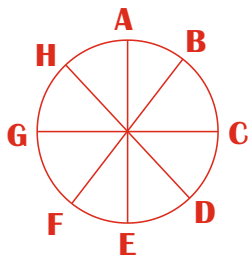
Who is to the immediate left of E : F

**31**

**Clockwise** If they are facing centre : Right: Anticlockwise  
Left: clockwise

**Anti-clockwise**

**32** If A, B, C, D, E, F, G, H are facing centre, then



- A facing : South
- B : south west
- C : west
- D : North west
- E : North
- F : North east
- G : East
- H : southeast

My Notes

1. Father's Father : paternal Grandfather
2. Father's Mother : paternal Grandmother
3. Father's Brother : uncle
4. Father's Sister : Aunt
5. Children of Uncle : cousins
6. Wife of Uncle : Aunt
7. Children of Aunt : cousins
8. Husband of Aunt : uncle
9. Mother's Father : Maternal Grandfather
10. Mother's Mother : Maternal Grandmother
11. Mother's Brother : Maternal uncle
12. Mother's Sister : Maternal Aunt
13. Children of Maternal Uncle : cousins
14. Wife of Maternal Uncle : Aunt
15. Grandfather's Son : Father or uncle
16. Grandfather's Only son : Father
17. Mother or Father's Mother : Grandmother
18. Grandmother's Mother : Great Grandmother
19. Grandmother's Father : Great Grandfather
20. Grandson's Daughter : Great Grand daughter
21. Grandson's Son : Great Grandson
22. Grand-daughter's Son : Great Grandson
23. Grand-daughter's Daughter : Great Grand daughter
24. Daughter's Husband : Son in Law
25. Son's Wife : Daughter in Law
26. Husband's Father : Father in Law
27. Husband's Mother : Mother in Law
28. Wife's Brother : Brother in Law
29. Wife's Sister : Sister in Law
30. Wife's Father : Father in Law
31. Wife's Mother : Mother in Law
32. Brother's Son : Nephew
33. Brother's Daughter : Niece
34. Sister's Son : Nephew
35. Sister's Daughter : Niece
36. Brother's Wife : sister in Law
37. Sister's Husband : Brother in Law
38. My father's son is my : Brother
39. My father's daughter is my : sister

33

40. My father's father is my : Grandfather
41. My mother's brother is my : uncle (maternal)
42. My daughter's husband is my : son in law
43. My son's wife is my : Daughter in law
44. My Brother's wife is my : sister in law
45. My brother's daughter is my : Niece
46. My brother's son is my : Nephew
47. My wife's father is my : Father in law
48. My wife's mother is my : Mother in law
49. My wife's sister is my : sister in law
50. My wife's brother is my : Brother in law
51. My father's wife is my : mother
52. My mother's husband is my : Father
53. My son's daughter is my : Grand daughter
54. My daughter's son is my : Grandson

34 6, 11, 21, 36, 56, ?

a. 42

b. 51

~~c. 81~~

d. 91

$$6 + 5 = 11$$

$$21 + 15 = 36$$

$$56 + 25 = 81$$

$$11 + 10 = 21$$

$$36 + 20 = 56$$

35 10, 100, 200, 310, ?

a. 400

b. 410

c. 420

~~d. 430~~

$$10 + 90 = 100$$

$$200 + 110 = 310$$

$$100 + 100 = 200$$

$$310 + 120 = 430$$

36 11, 13, 17, 19, 23, 25, ?

a. 27

~~b. 29~~

c. 31

d. None of these

$$11 + 2 = 13$$

$$17 + 2 = 19$$

$$23 + 2 = 25$$

$$13 + 4 = 17$$

$$19 + 4 = 23$$

$$25 + 4 = 29$$

37 6, 12, 21, 33, ?

a. 36

b. 39

c. 45

~~d. 48~~

$$6 + 6 = 12$$

$$21 + 12 = 33$$

$$12 + 9 = 21$$

$$33 + 15 = 48$$

38 2, 5, 9, 14, ?, 27

~~a. 20~~

b. 16

c. 18

d. None of these

$$2 + 3 = 5$$

$$9 + 5 = 14$$

$$20 + 7 = 27$$

$$5 + 4 = 9$$

$$14 + 6 = 20$$

39 11, 21, ?, 56, 81

a. 42

~~b. 36~~

c. 91

d. 51

$$11 + 10 = 21$$

$$36 + 20 = 56$$

$$21 + 15 = 36$$

$$56 + 25 = 81$$

40 10, 18, 28, 40, 54, ?, 88

~~a. 70~~

b. 86

c. 72

d. 80

$$10 + 8 = 18$$

$$28 + 12 = 40$$

$$54 + 16 = 70$$

$$18 + 10 = 28$$

$$40 + 14 = 54$$

$$70 + 18 = 88$$

41 195, 168, 143, 120, ?, 80

a. 100

~~b. 99~~

c. 105

d. None of these

$$14^2 - 1 = 195$$

$$12^2 - 1 = 143$$

$$10^2 - 1 = 99$$

$$13^2 - 1 = 168$$

$$11^2 - 1 = 120$$

$$9^2 - 1 = 80$$

42 8, 10, 40, 42, 168, 170, 680, 682, ?

a. 684

b. 1528

~~c. 2728~~

d. None of these

$$8 + 2 = 10$$

$$40 + 2 = 42$$

$$168 + 2 = 170$$

$$680 + 2 = 682$$

$$10 \times 4 = 40$$

$$42 \times 4 = 168$$

$$170 \times 4 = 680$$

$$682 \times 4 = 2728$$

43 28, 33, 31, 36, 34, ?

a. 38

b. 39

c. 42

d. None of these

$$\begin{aligned} 28 + 5 &= 33 \\ 33 - 2 &= 31 \end{aligned}$$

$$\begin{aligned} 31 + 5 &= 36 \\ 36 - 2 &= 34 \end{aligned}$$

$$34 + 5 = 39$$

44 5760, 960, 192, ?, 16, 8

a. 96

b. 48

c. 32

d. None of these

$$\begin{aligned} 5760 \div 6 &= 960 \\ 960 \div 5 &= 192 \end{aligned}$$

$$\begin{aligned} 192 \div 4 &= 48 \\ 48 \div 3 &= 16 \end{aligned}$$

$$16 \div 2 = 8$$

45 2, 3, 3, 5, 10, 13, 39, 43, ?, 177

a. 46

b. 172

c. 48

d. None of these

$$\begin{aligned} 2 + 1 &= 3 \\ 3 \times 1 &= 3 \end{aligned}$$

$$\begin{aligned} 3 + 2 &= 5 \\ 5 \times 2 &= 10 \end{aligned}$$

$$\begin{aligned} 10 + 3 &= 13 \\ 13 \times 3 &= 39 \end{aligned}$$

$$\begin{aligned} 39 + 4 &= 43 \\ 43 \times 4 &= 172 \end{aligned}$$

$$172 + 5 = 177$$

46 If RAMAN is written as 12325 and DINESH is written as 675489, How HAMAM is written?

a. 92323

b. 92233

c. 93292

d. None of these

R A M A N  
1 2 3 2 5

D I N E S H  
6 7 5 4 8 9

H A M A M  
9 2 3 2 3

47 If RED is coded as 6720 then GREEN would be coded as

a. 9207716

b. 167129

c. 1677209

d. 1672091

R E D  $\Rightarrow$  Reverse D E R  $\Rightarrow$  6720  
4<sup>th</sup> 5<sup>th</sup> 18<sup>th</sup> + 2

G GREEN  $\Rightarrow$  Reverse N E E R G  $\Rightarrow$  1677209  
19<sup>th</sup> 1<sup>st</sup> 5<sup>th</sup> 18<sup>th</sup> 7<sup>th</sup>

My Notes

48 If BROTHER is coded as 2456784, SISTER is coded as 919684, what is coded as BORBERS?

- a. 2542849      b. 2542898      c. 2454889      d. 2524889

BORBERS  $\Rightarrow$  2542849

49 If DELHI is coded as 73541 & CALCUTTA as 82589662, How is CALICUT coded?

- a. 5279431      b. 5978213       c. 8251896      d. 8543962

CALICUT  $\Rightarrow$  8251896

50 If CLOCK is coded as 34235 and TIME as 8679, what will be the code for MOTEL?

- a. 72894      b. 77684      c. 72964      d. 27894

MOTEL  $\Rightarrow$  72894

51 In a certain code NAME is written as 4258 then what would be the code for MEAN?

- a. 2458      b. 5842      c. 8524       d. 5824

N	A	M	E		M	E	A	N
4	2	5	8		5	8	2	4

52 If GOLD is written as IQNF then WIND would be coded as

- a. VHMC       b. YKPF      c. XJOE      d. DNIW

G	O	L	D		W	I	N	D
+2	+2	+2	+2		+2	+2	+2	+2
I	Q	N	F		Y	K	P	F

My Notes

53 If ROSE is written as TQUG, How BISCUIT can be written in that code

a. DKUEWKV     
  b. CJTDVJU     
  c. DKVEWKV     
  d. DKUEWKY

R	O	S	E	B	I	S	C	U	I	T
+2	+2	+2	+2	plus 2						
T	Q	U	G	DKUEWKV						

54 If DELHI is coded as CCIDD then How would you code BOMBAY?

a. AJMTVT     
  b. AMJXVS     
  c. MJXVSU     
  d. None of these

D	E	L	H	I	B	O	M	B	A	Y
-1	-2	-3	-4	-5	-1	-2	-3	-4	-5	-6
C	C	I	D	D	AMJXVS					

55 If PALAM is given with a code number of 43 then, what will be the code number for SANTACRUZ?

a. 123     
  b. 85     
  c. 120     
  d. 125

PALAM  $\Rightarrow 16 + 1 + 12 + 1 + 13 = 43$

SANTACRUZ  $\Rightarrow 19 + 1 + 14 + 20 + 1 + 3 + 18 + 21 + 26 = 123$

56 If 256 means you are good  
 637 means we are bad  
 358 means good and bad  
 which of the following represents 'and' in that code

- a. 2     
  b. 5     
  c. 8     
  d. 3

My Notes

- 2 : You
- 5 : Good
- 6 : are
- 3 : Bad
- 7 : we
- 8 : and

57 Find odd man out from : Avni, Ishani, Esha, Usha, Veena

- ~~a. Veena~~      b. Esha      c. Usha      d. Avni

only name starting with consonant.

58 Find the odd man out from : 64, 32, 512, 243, 1024, 8, 2048

- a. 2048      ~~b. 243~~      c. 64      d. 8

243 is the only odd number

59 Find the odd man out from AB, MN, YZ, VU

- a. AB      b. MN      c. YZ      d. VU

VU  $\Rightarrow$  only Reverse in order

60 If A = 1, PAT = 37, then TAP =

- a. 73      ~~b. 37~~      c. 36      d. 38

PAT  $\Rightarrow 16 + 1 + 20 = 37$

61 If D = 4, BAD = 7, then what is the value of ANT?

- a. 8      b. 17      c. 35      d. 37

BAD  $\Rightarrow 2 + 1 + 4 = 7$

ANT  $\Rightarrow 1 + 14 + 20 = 35$

62 If MATHEMATICS = 12345123678, then MAHATMA = ?

- ~~a. 1242312~~      b. 12345123      c. 12345678      d. 12425341

MAHATMA  $\Rightarrow$  1242312

63 If D = 4, COVER = 63, then BASIS = ?

- a. 55      b. 50      c. 49      d. 54

$$COVER = 3 + 15 + 22 + 5 + 18 = 63$$

$$BASIS = 2 + 1 + 19 + 9 + 19 = 50$$

64 If HKUJ means FISH, what does UVCD means?

- a. STAR      b. STAB      c. STAL      d. None of the these

$$\begin{array}{cccc} H & K & U & J \\ -2 & -2 & -2 & -2 \\ \hline E & T & S & 5 \end{array}$$

$$\begin{array}{cccc} U & V & C & D \\ -2 & -2 & -2 & -2 \\ \hline S & T & A & B \end{array}$$

65 If NOIDA is written as STNIF, How MEERUT can be written in that code?

- a. QIIVYX      b. RJJWZV      c. RJJWZY      d. RIIVYX

NOIDA

MEERUT

PROCESS: S T N I F

PROCESS: R J J W Z Y

66 If 'BEQUICK' is coded as ZCOSGAI then INDIAN is coded as

B E Q U I C K  
minus -2

I N D I A N  
minus : 2

Z C O S G A I

G L B G I Y L

67 If RAMAYANA is coded as PYKYWLY then MAHABHARATA can be written in that code as

R A M A Y A A N A  
minus : 2

M A M A H A B H A R A T A  
minus : 2

P Y K Y W Y L Y

K Y K Y F Y Z F Y P Y R Y R Y

68 In a certain code HYDROGEN is coded as JCZYSSD then how can ANTIMONY be coded?

H Y D R O G E N  
+2 +4 +6 +8 +10 +12 +14 +16  
J C Z Y S S D

A N T I M O N Y  
+2 +4 +6 +8 +10 +12 +14 +16

C R Z Q W A B O

69 In certain language PLAYER is coded as QNDCJX then how SINGER will be coded in that language

P L A Y E R  
 +1 +2 +3 +4 +5 +6  
 Q N D C J X

S I N G E R  
 +1 +2 +3 +4 +5 +6  
 T K Q K J X

70 In certain code MONKEY is written as XDJMNL. How TIGER is written in that code?

M O N K E Y  
 Reverse: Y E K N O M then minus 1  
 X D J M N L

T I G E R  
 Reverse R E G I T  
 minus 1  
 Q D F H S

71 If BAT can be written as DCV, then MAN can be written as

B A T                  M A N  
 plus 2: D C V                  plus 2: O C P

72 If CAT can be written as CNANT, then GOD can be written as

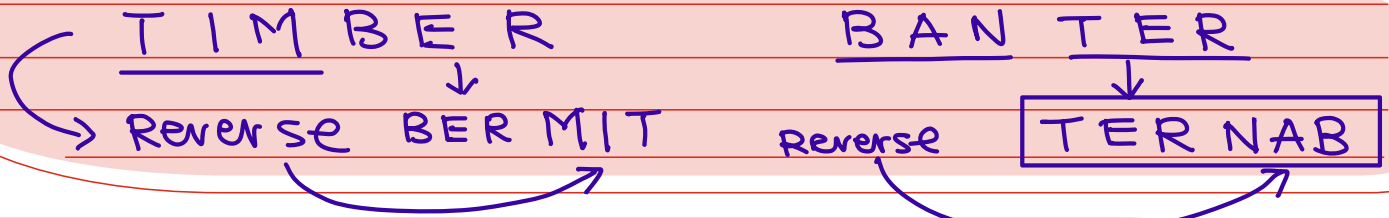
C A T                  G O D  
 C N A N T                  G N O N D

73 If SIR can be written as PSPIPR, then MAN can be written as

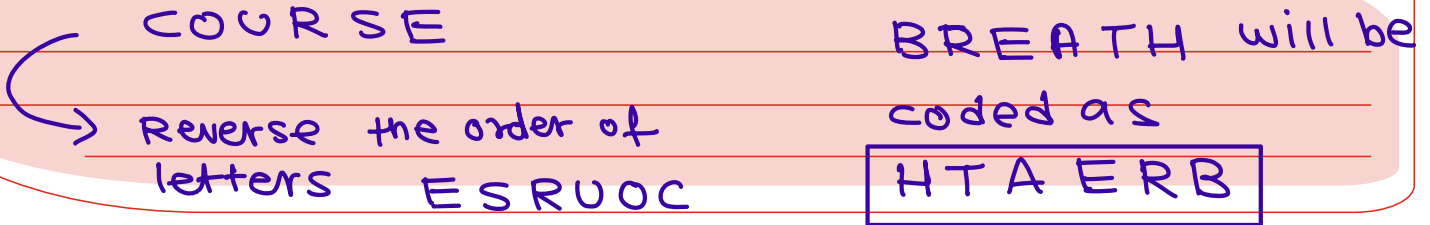
S I R                  M A N  
 P S P I P R                  P M P A P N

My Notes

74 If **TIMBER** is written as **BERMIT** then how would **BANTER** be written in that code



75 In a certain code **COURSE** is written as **ESRUOC**. How **BREATH** can be written in the same code



76 In a certain code 493 means 'Friendship difficult challenge'; 961 means 'Struggle difficult exam'; 178 means 'Exam believable subject', then which digit is used for believable?

- 4      (a) 7      (b) 8      ~~(c) a or b~~      (d) None of these
- 9 : difficult
- 3
- 6
- 1 : Exam
- 7 } Believable and subject
- 8 }

77 Vehicle is coded as Book, Book as Flower, Flower as House, House as Calculator. then where is the treasure of huge amount of knowledge hidden?

- a. Book      b. Calculator      ~~c. Flower~~      d. Vehicle

My Notes

78 If TALENT is written as LATENT then how would EXOTIC be written in that code?

a. EXOTIC

~~b. OXETIC~~

c. TICOXE

d. None of these

$$\begin{array}{ccccccc} T & A & L & E & N & T & \\ \hline & & & & & & \\ & & & & & & \\ \hline L & A & T & E & N & T & \end{array}$$

Reverse

$$\begin{array}{ccccccc} E & X & O & T & I & C & \\ \hline & & & & & & \\ & & & & & & \\ \hline O & X & E & T & I & C & \end{array}$$

79 In a certain language NOITCELES represents SELECTION then AIDNI represents-

a. AIDSI

b. HINDI

~~c. INDIA~~

d. None

NOITCELES  $\Rightarrow$  Reverse in order

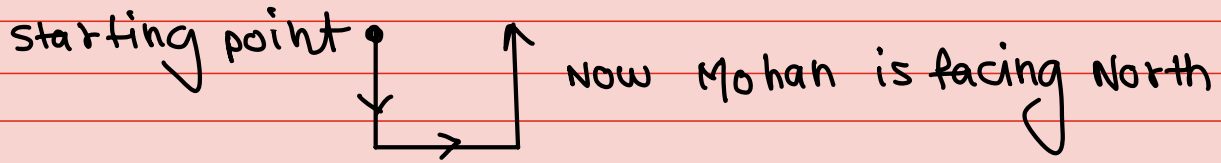
SELECTION

AIDNI represents  $\Rightarrow$  INDIA

**My Notes**

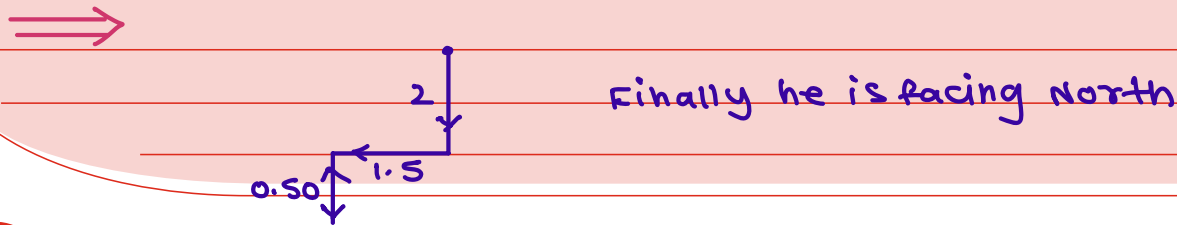
**80** Mohan starts walking from point A & 1 km towards south, turns left and walks 1 km. Then he turns left and again walks 1 km. Now he is facing ...

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



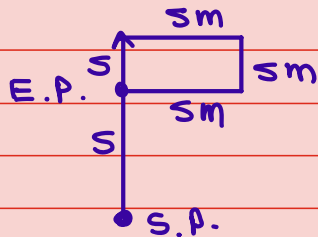
**81** Suresh starts from a point walks 2 miles towards south, turns right and walks  $1\frac{1}{2}$  miles, turns left and walks  $\frac{1}{2}$  miles and then he turns back. What direction is he facing now?

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



**82** A man facing East, then he turns left and goes 10 m, then he turns right and goes 5 m then goes 5 m to the south and from there 5 m to the west. In which direction he is from original place?

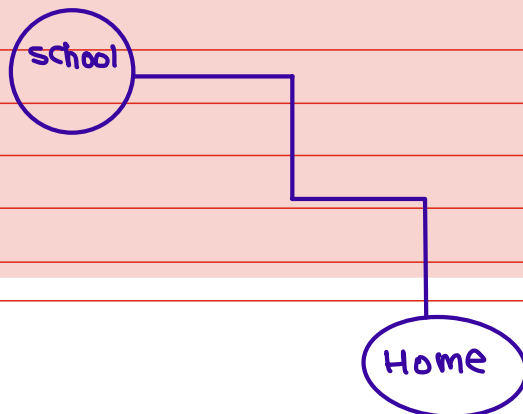
- a. East                      b. West                      c. South                      ~~d. North~~



S.P. → starting point  
E.P. → End point

**83** From her home Avni Reddy wishes to go to school. From home she goes towards north & then turns left & then turns right and finally she turns left and reaches school. In what direction her school is situated with respect to her home?

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



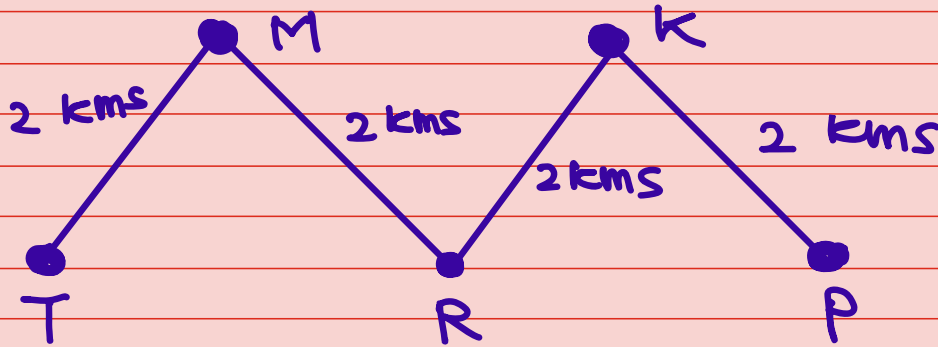
**84** K is a place which is located 2 kms away in north-west direction from the capital P. R is another place that is located 2 kms away in south-west direction from K. M is another place that is located 2 kms away in north-west direction from R. T is another place that is located 2 kms away in south-west direction from M. In which direction T is located in relation to P.

a. South-West

b. North-West

~~c. West~~

d. North



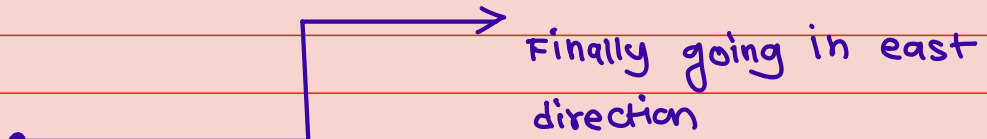
**85** I started walking down a road in the morning facing sun. After walking for sometime I turned to my left then I turned to my right. In which direction was I going then?

~~a. East~~

b. West

c. North

d. South



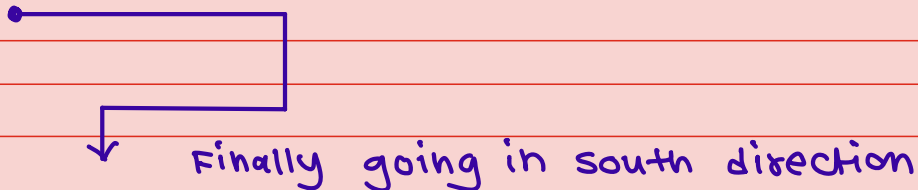
**86** You are going straight, first eastwards then turn to the right, then right again, then left. In which direction would you be going now?

a. East

b. West

~~c. South~~

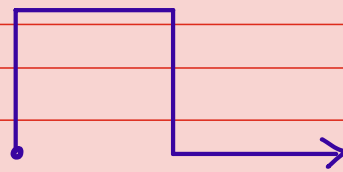
d. North



My Notes

**87** You go North, turn right, then right again, & then go to the left.  
Which direction are you facing now?

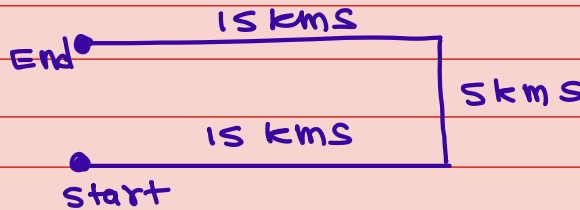
- a. East                      b. West                      c. South                      d. North



Finally facing East direction.

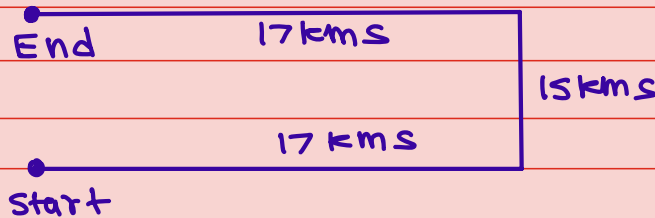
**88** Ashwat Reddy traveled 15 kms eastwards, then turned left and travelled 5 kms then turned left and travelled 15 kms. How far is he from starting point?

- a. 30 kms                      b. 35 kms                      c. 15 kms                       d. 5 kms



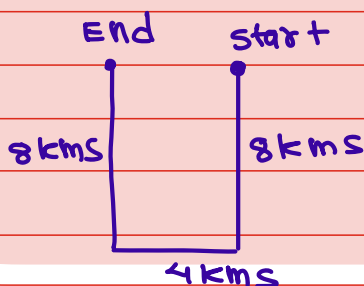
**89** Hari travelled 17 kms to the east, he turned left and went 15 kms, he again turned left and went 17 kms. How far is he from starting point?

- a. 17 kms                      b. 2 kms                       c. 15 kms                      d. 32 kms



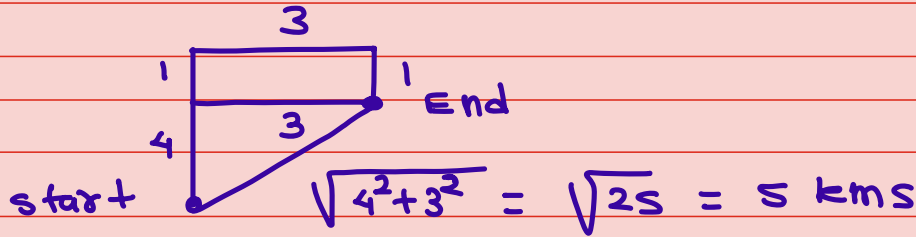
**90** Sudha travels 8 kms to the south, then she turns to the right and walks 4 kms. Then again she turns to her right and moves 8 kms forward. How many kms away is she from starting point?

- a. 7 kms                      b. 6 kms                       c. 4 kms                      d. 8 kms



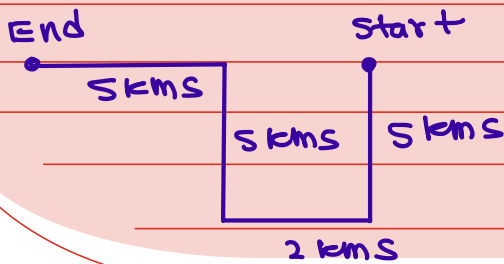
**91** From my house I walked 5 kms towards North. I turned right and walked 3 kms. Again I went 1 km to the south. How far am I from my house?

- a. 7 kms                      b. 6 kms                      c. 4 kms                      ~~d. 5 kms~~



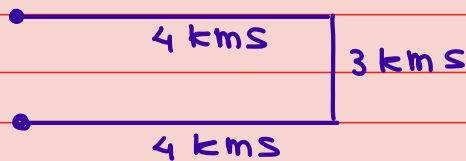
**92** Rama left home and walked 5 kms southwards. turned right and walked 2 kms and turned right and walked 5 kms and turned left and walked 5 kms. How many kilometers will she have to walk to reach her home straight?

- a. 5 kms                      ~~b. 7 kms~~                      c. 17 kms                      d. 15 kms



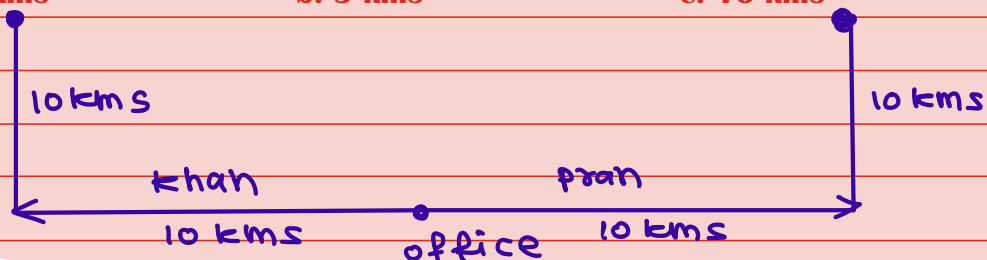
**93** Facing the East Gopi walks straight 4 kms, turns left and walks 3 kms and again turns left and walked 4 kms. How far is he now from the starting point?

- a. 2 kms                      ~~b. 3 kms~~                      c. 10 kms                      d. 11 kms



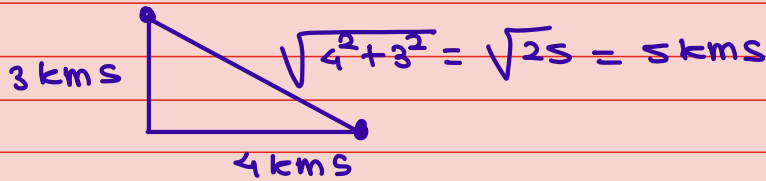
**94** Pran and Khan start from their office and walk in opposite direction each travelling 10 kms. Pran then turns left and walks 10 kms while Khan turns right and walks 10 kms. How far are they from each other?

- a. 0 kms                      b. 5 kms                      c. 10 kms                      ~~d. 20 kms~~



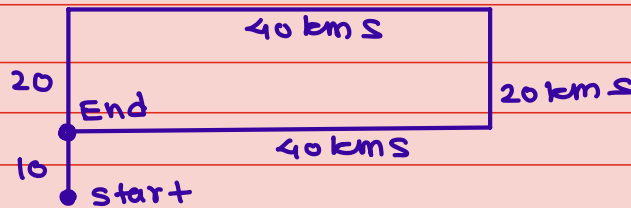
**95** A starts walking from a point 'P'. A goes westward and covers a distance of 4 kms and then turns to his right and walks 3 kms. How far 'A' is from starting point.

- a. 7 kms                      b. 9 kms                      c. 2 kms                      ~~d. 5 kms~~



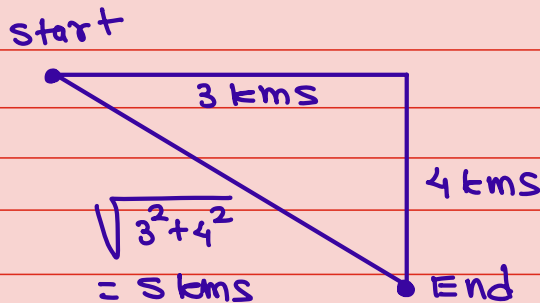
**96** A cyclist goes 30 kms to North and turning to the East he goes 40 kms. Again he turns to his right and goes 20 kms. After this he turns to his right and goes 40 kms. How far is he from his starting point?

- a. 20 kms                      ~~b. 10 kms~~                      c. 25 kms                      d. 40 kms



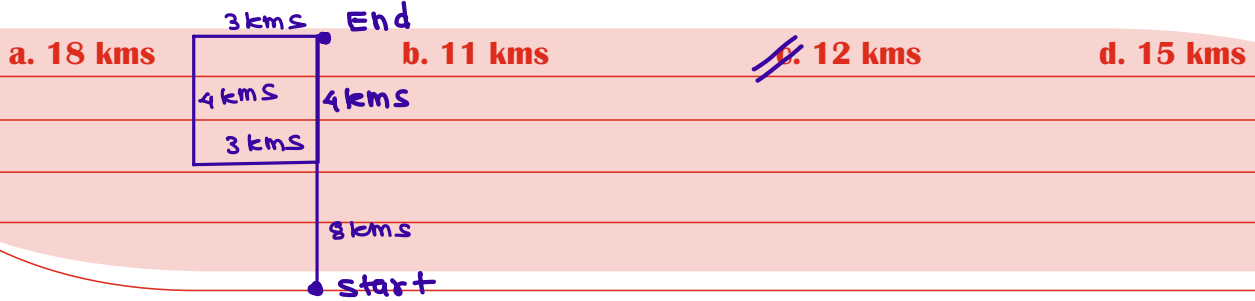
**97** A man travels 3 kms in the East and turns to south and moves 4 kms. How far is he from starting point?

- ~~a. 5 kms~~                      b. 6 kms                      c. 2 kms                      d. 10 kms

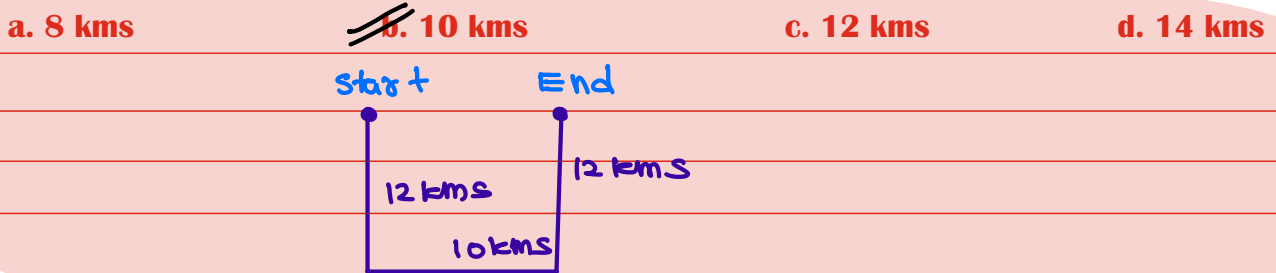


**My Notes**

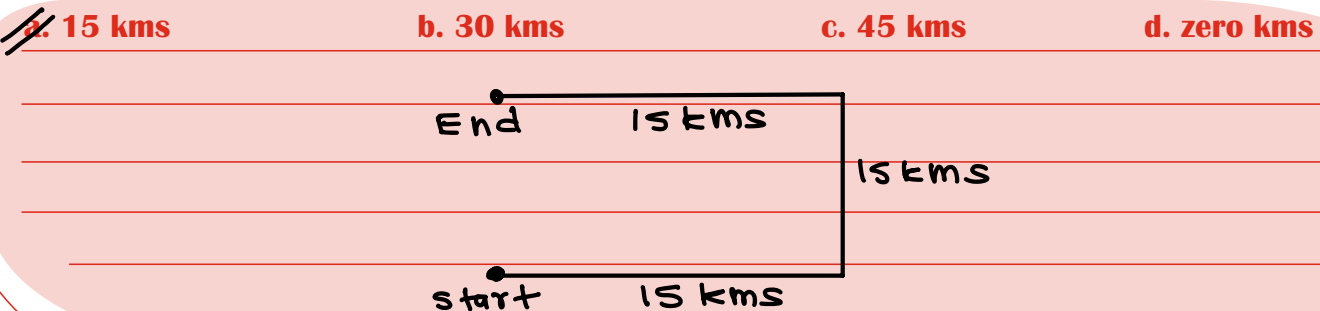
**98** Dhrish travels 8 kms towards the North, turns left and travels 3 kms and then again turns right and covers another 4 kms then turns right and travels another 3 kms. How far is he from starting point?



**99** Mitan travelled 12 kms southwards and turned left and travelled 10 kms, then turned left and travelled 12 kms. How far was Mitan from starting point?



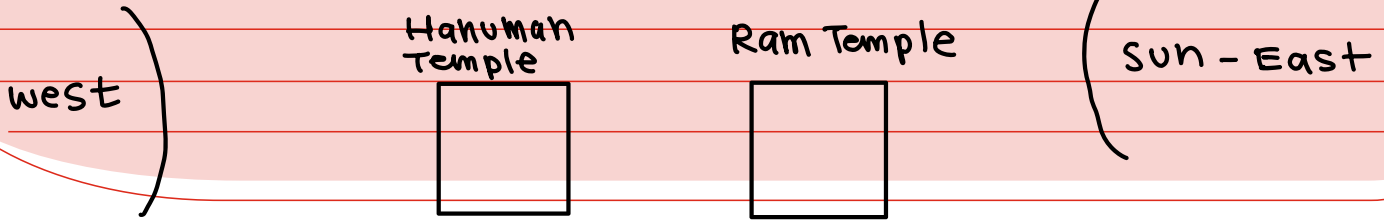
**100** Ashwat travelled 15 kms towards East then turned towards North and travelled 15 kms and turned west & travelled 15 kms. How far is he from starting point?



**My Notes**

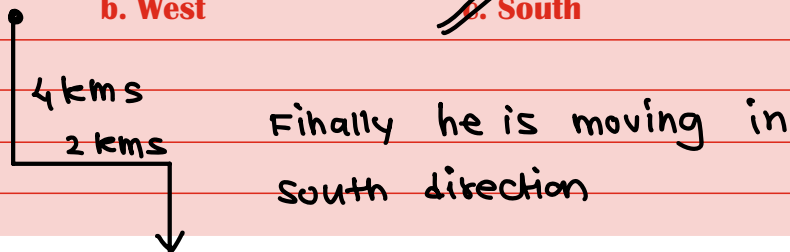
**101** Daily in the morning the shadow of Ram temple falls on Hanuman temple, and in the evening shadow of Hanuman temple falls on Ram temple. In which direction Hanuman temple is from Ram temple?

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



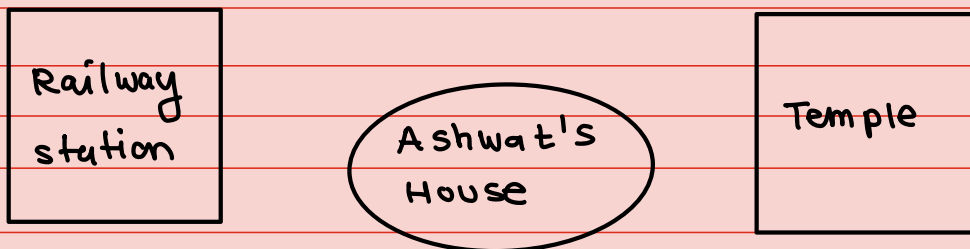
**102** A man on a moped starts from a point and rides 4 kms south then turns left and rides 2 kms and turns again to the right to ride to go more. In which direction is he moving now?

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



**103** If Ashwat sees rising sun behind the temple and setting sun behind railway station from his house. What direction of temple from railway station?

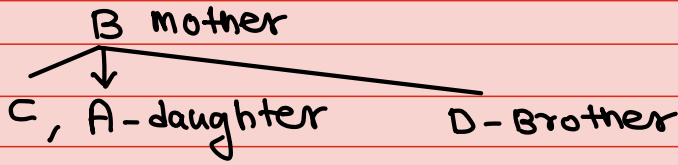
- ~~a. East~~      b. West      c. South      d. North



**My Notes**

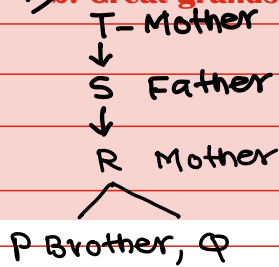
**104** A is B's daughter. B is C's mother. D is C's brother. How is D related to A?

- a. Father      b. Grandfather      ~~c. Brother~~      d. Son



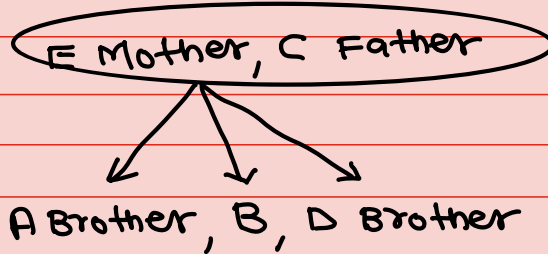
**105** P is Q's brother. R is Q's mother. S is R's father. T is S's mother. How is P related to T?

- a. Grand-daughter      ~~b. Great grandson~~      c. Grandson      d. Grandmother



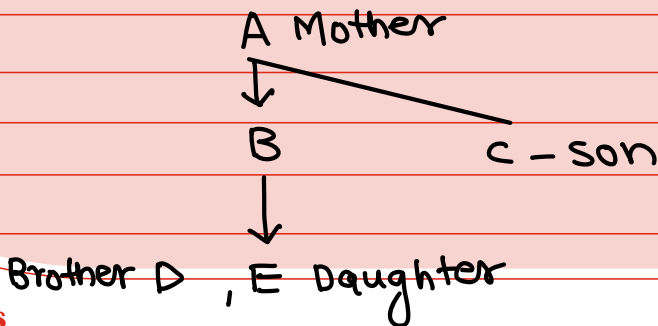
**106** A is B's brother. C is D's father. E is B's mother. A & D are brothers. How is E related to C?

- a. Sister      b. Sister in law      c. Niece      ~~d. Wife~~



**107** Given that A is mother of B, C is son of A, D is brother of E, E is daughter of B, who is the grandmother of D?

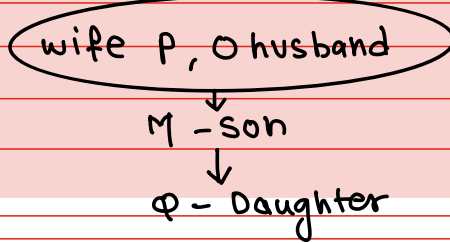
- ~~a. A~~      b. B      c. C      d. D



My Notes

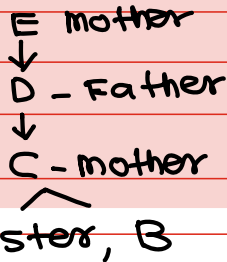
**108** M is the son of P. Q is grand daughter of O who is husband of P.  
How is M related to O?

- ~~a. Son~~                      b. Daughter                      c. Mother                      d. Father



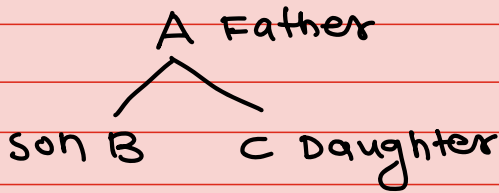
**109** A is B's sister . C is B's mother. D is C's father. E is D's mother.  
How is A related to D?

- a. Grandmother                      b. Grandfather                      c. Daughter                      ~~d. Grand-daughter~~



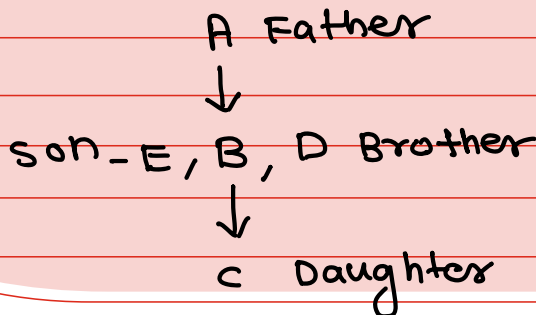
**110** A is father B & C, B is son of A. But C is not son of A. How is C related to A?

- a. Niece                      b. Son-in-law                      ~~c. Daughter~~                      d. Grandson



**111** A is father B , C is daughter of B, D is brother of B. E is son of A.  
What is relationship between C and E?

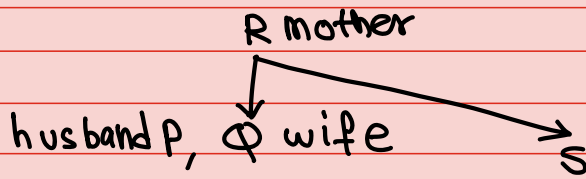
- a. Brother & sister                      b. Cousins                      ~~c. Niece & uncle~~                      d. Uncle & Aunt



**My Notes**

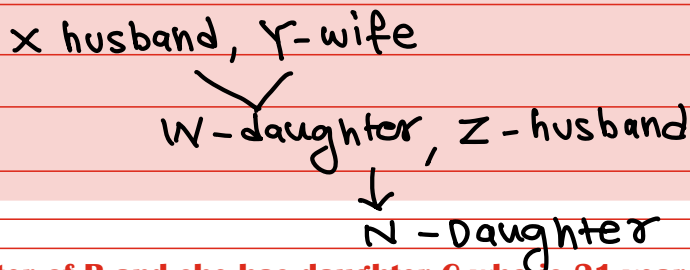
**112** If P is husband of Q and R is mother of S & Q. What is R to P?

- a. Mother      b. Sister      c. Aunt      ~~d. Mother in law~~



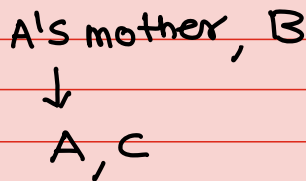
**113** X is husband of Y. W is daughter of X. Z is husband of W. N is daughter of Z. What is the relation of N to Y?

- a. Cousin      b. Niece      c. Daughter      ~~d. Grand-daughter~~



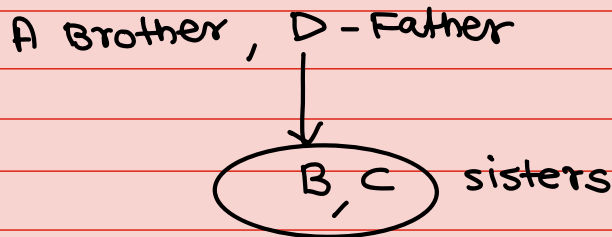
**114** A's mother is sister of B and she has daughter C who is 21 years old. How is B related to C?

- a. Niece      ~~b. Maternal Uncle~~      c. Daughter      d. Uncle



**115** A is D's brother. D is B's father. B & C are sisters. How is C related to A?

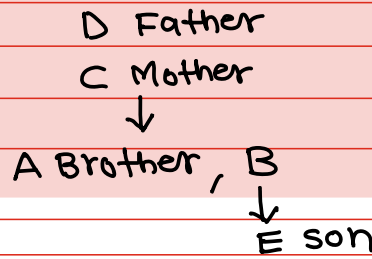
- a. Cousin      ~~b. Niece~~      c. Aunt      d. Nephew



**My Notes**

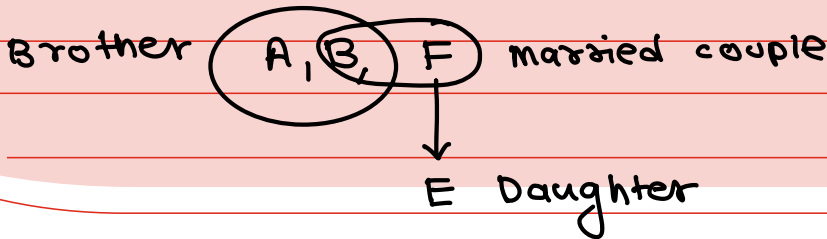
**116** A is B's brother, C is A's mother. D is C's father, E is B's son. How is E related to A?

- a. Cousin      ~~b. Nephew~~      c. Uncle      d. Grandson



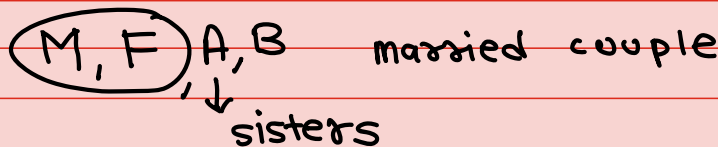
**117** A and B are brothers. E is daughter of F. F is wife of B. What is relationship of E to A?

- a. Sister      b. Daughter      ~~c. Niece~~      d. Sister-in-law



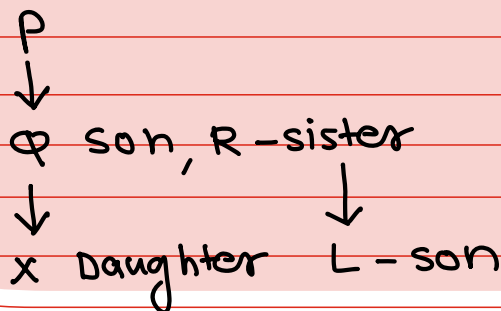
**118** M and F are a married couple. A and B are sisters. A is sister of F. Who is B to M?

- ~~a. Sister-in-law~~      b. Sister      c. Mother      d. Niece



**119** Q is son of P. X is daughter of Q. R is aunty (Bua) of X and L is son of R, then what is L to P?

- ~~a. Grandson~~      b. Granddaughter      c. Daughter      d. Nephew



**My Notes**

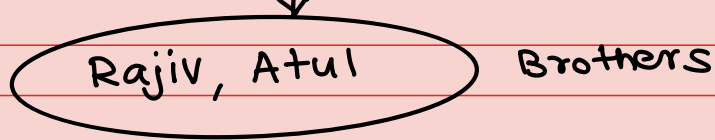
**120** Rajiv is brother of Atul. Sonia is sister of Sunil. Atul is son of Sonia. How is Rajiv related to Sonia?

a. Nephew

~~b. Son~~  
Sunil, Sonia

c. Brother

d. Father



**121** There are 2 film stars, one is father of other's son. what is relation of two with each other?

a. Grandfather-Grandson

b. Grandfather-son

~~c. Husband-Wife~~

d. Father & Son

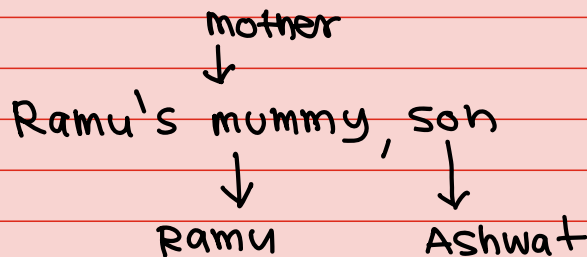
**122** Ramu's mother said to Ramu : "My mother has a son whose son is Ashwat". How is Ashwat related to Ramu?

a. Uncle

~~b. Cousin~~

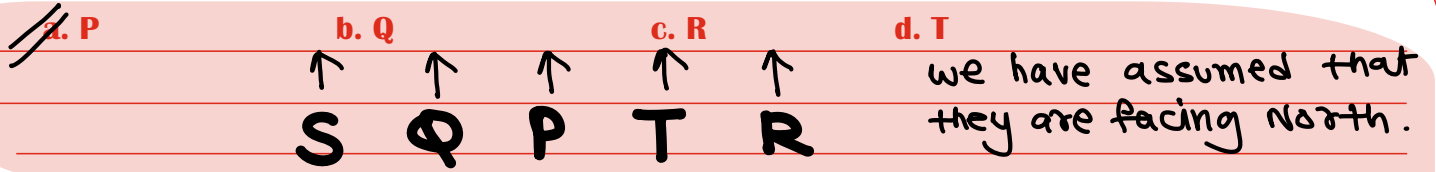
c. Brother

d. Nephew

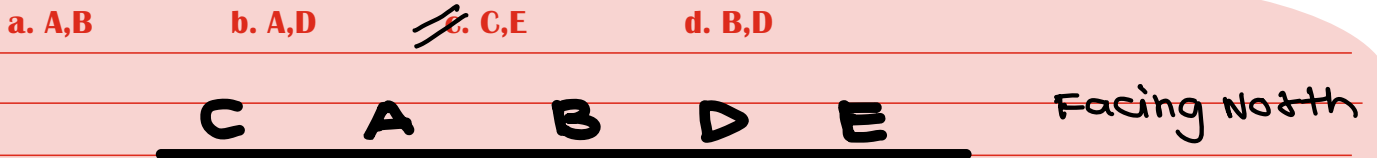


**My Notes**

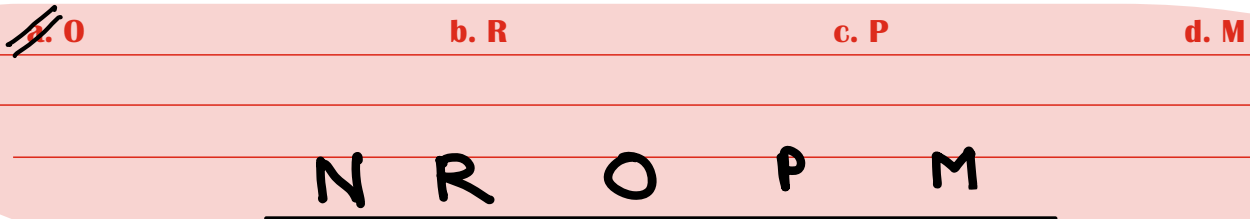
**123** There are 5 houses P,Q,R,S,T. P is right of Q and T is left of R and right of P. Q is right of S. Which house is in the middle?



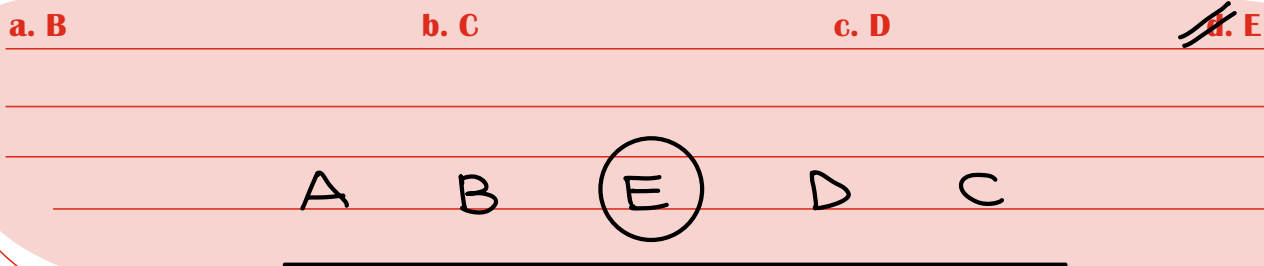
**124** Five friends are sitting on bench. A is to the left of B but on the right of C, D is to the right of B but on the left of E. Who are at the extremes?



**125** In a college party, 5 girls are sitting in a row. P is to the left of M and to the right of O. R is sitting to the right of N but to the left of O, who is sitting in the middle?



**126** 5 boys A,B,C,D,E are standing in a row. D is to the right of E, B is on the left of E but on the right of A. D is to the left of C, who is standing on extreme right. Who is standing in the middle?

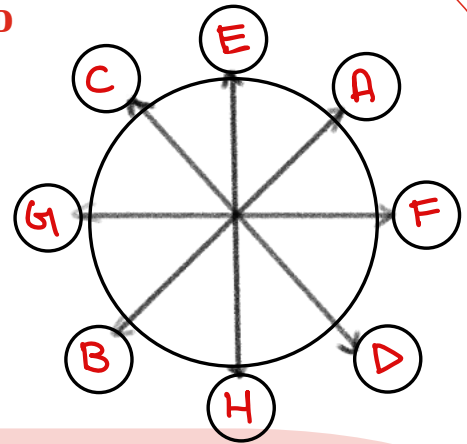


My Notes

127

4 Ladies A,B,C,D and 4 gentlemen E,F,G,H are sitting in a circle around a table facing each other -

- I. No 2 ladies or gentlemen are sitting side by side
- II. C who is sitting between G, E facing D
- III. F is between D and A and facing G
- IV. H is to the right of B



Qs. 1 Who is sitting to the left of A?

- a. E      ~~b. F~~      c. G      d. H

Qs. 2 E is facing whom?

- a. F      b. B      c. G      ~~d. H~~

Qs. 3 Who are immediate neighbours of A?

- a. G,H      ~~b. E,F~~      c. E,H      d. F,H

128

P to W are sitting in front of one another in two rows. Each row has 4 persons. P is between U and V and facing North. Q, who is immediate left of S is facing W. R is between T and S and W is to the immediate right of V.

Qs. 1 Who is sitting in front of R?

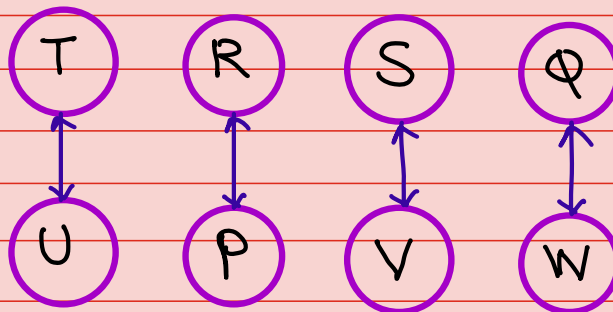
- a. U      b. Q      c. V      ~~d. P~~

Qs. 2 Who is to the immediate right of R?

- a. S      b. U      ~~c. T~~      d. None of these

Qs. 3 In which of the following pairs, persons are sitting in front of each other?

- ~~a. S,V~~      b. R,V      c. T,V      d. U,R



My Notes

129

A to H are seated in a straight line facing North. C sits 4<sup>th</sup> left of G. D sits second right of G. Only 2 people sit between D and A. B and F are immediate neighbour of each other. B is not immediate neighbour of A. H is not neighbour of D.

a. Who among the following sits third to the right of C?

- a. B                      b. F                      ~~c. A~~                      d. E

b. Which of the following represents persons seated at 2 extreme ends of line?

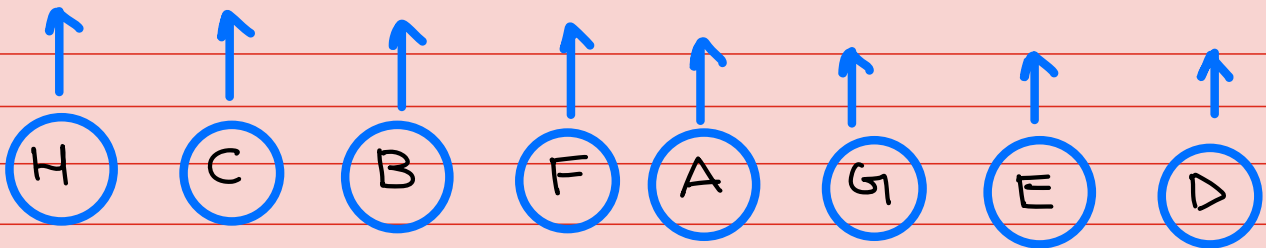
- a. C,D                      b. A,B                      c. B,G                      ~~d. D,H~~

c. What is position of H with respect to F?

- ~~a. 3<sup>rd</sup> to left~~                      b. immediate right                      c. 2<sup>nd</sup> to right                      d. 4<sup>th</sup> to left

d. How many persons are seated between A & E?

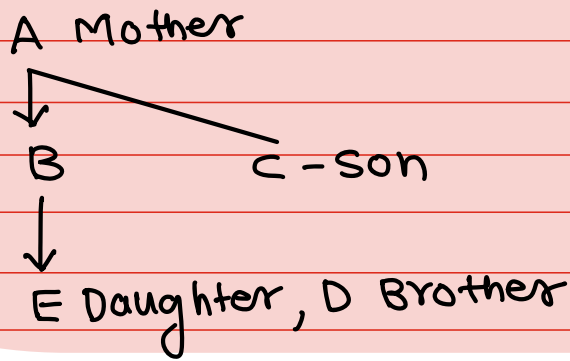
- ~~a. 1~~                      b. 2                      c. 3                      d. 4



My Notes

**130** Given that A is mother of B. C is son of A. D is brother of E. E is daughter of B.  
Who is grandmother of D?

- ~~a. A~~      b. B      c. C      d. D



**My Notes**

Blank lined area for writing notes.