

# Logical Reasoning

(20m)

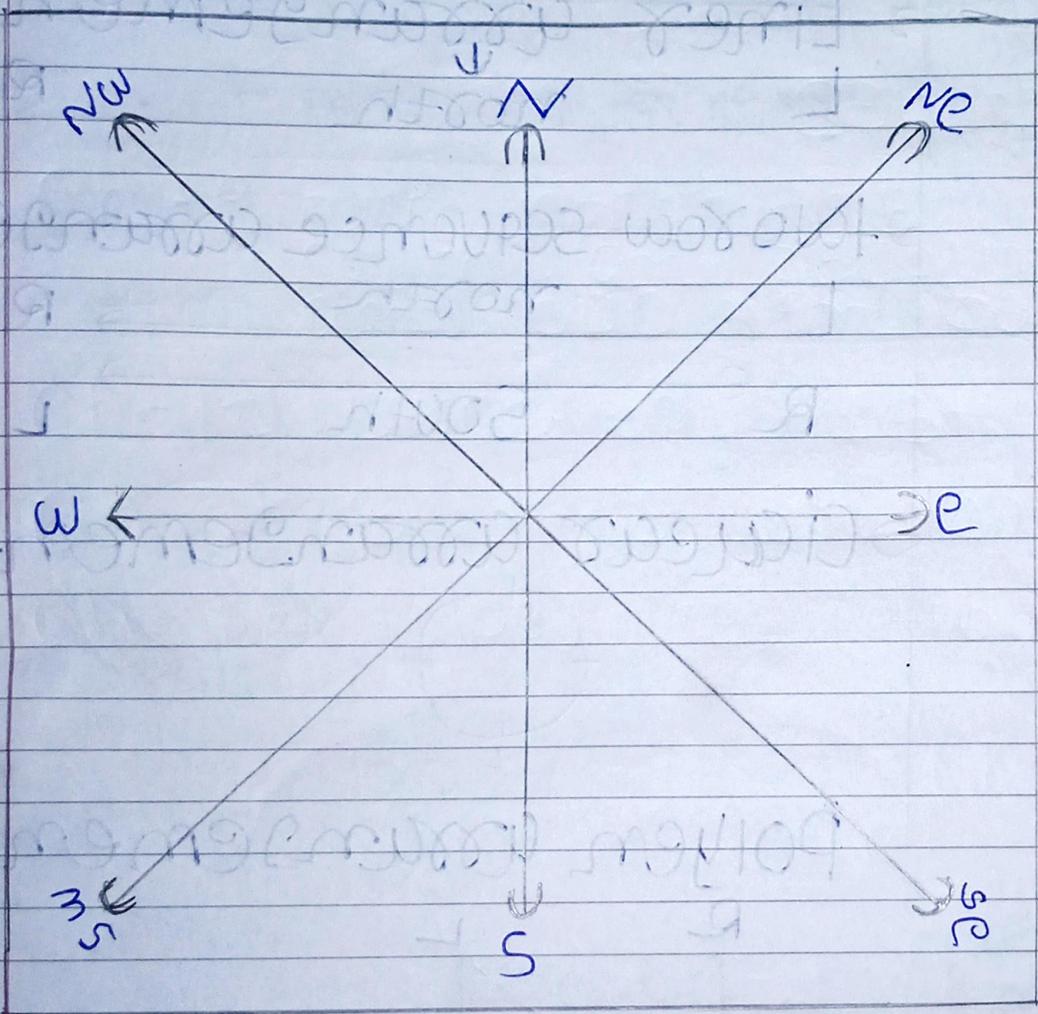
Ch-9 number series,  
coding and decoding,  
and odd man out

Ch-10 Direction test

Ch-11 Seating arrangement

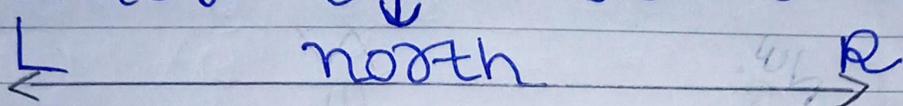
Ch-12 Blood relations

# Direction Sense test

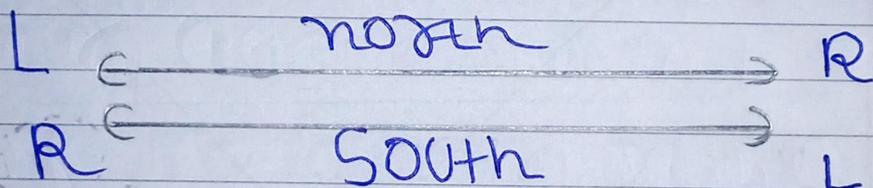


## → Seating Arrangement

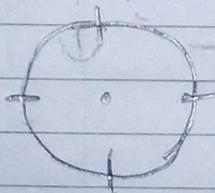
→ Linear arrangement



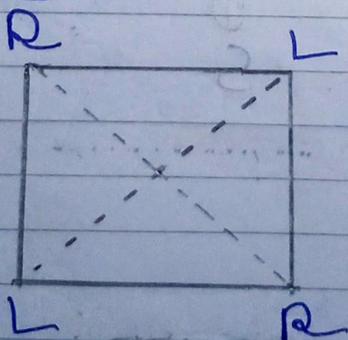
→ two row sequence arrangement



→ Circular arrangement



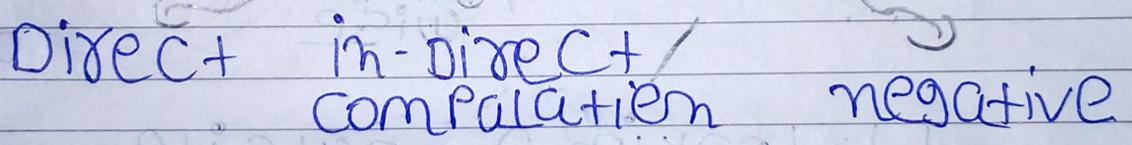
→ Polygon arrangement



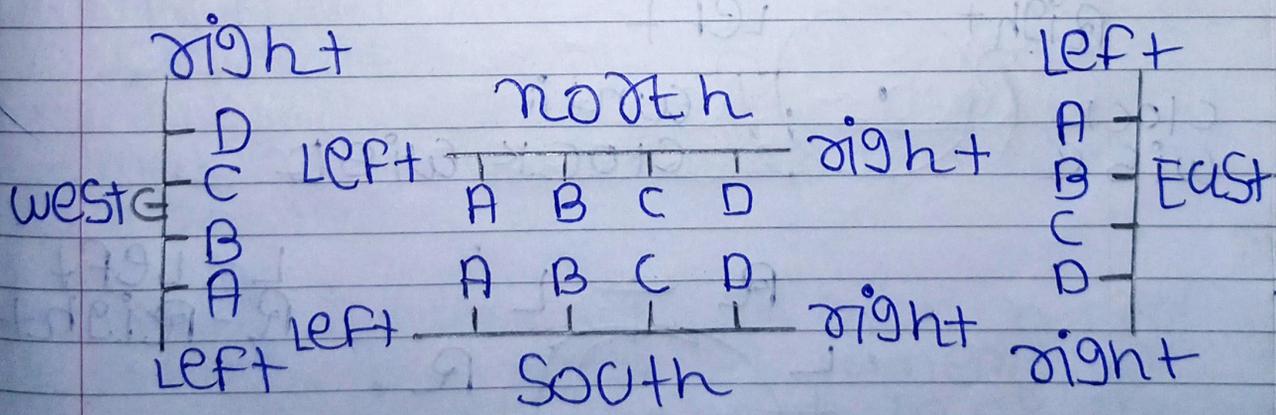
\* Imp Points

- Immediate left  $\rightarrow$  next to the left
- Immediate right  $\rightarrow$  next to the right
- to the left  $\rightarrow$  D  $\leftarrow$  ABC
- to the right  $\rightarrow$  A  $\rightarrow$  B CD
- in between  $\rightarrow$  A (B) C

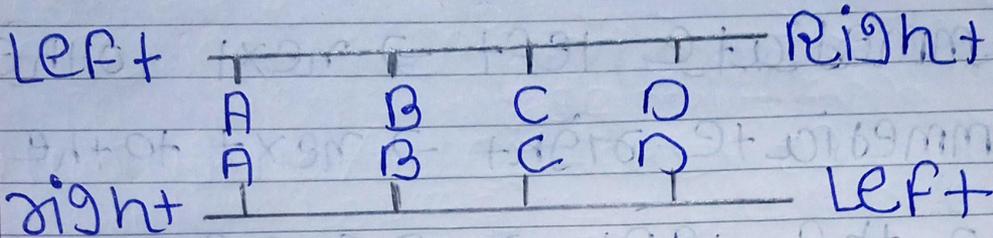
\* type of information provided:-



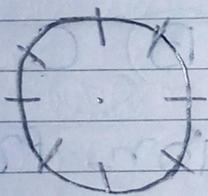
\* Direction and Facing



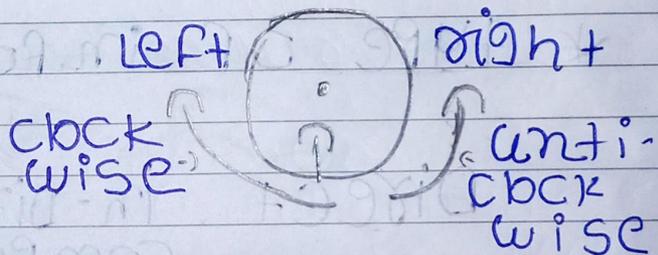
• Double row arrangement



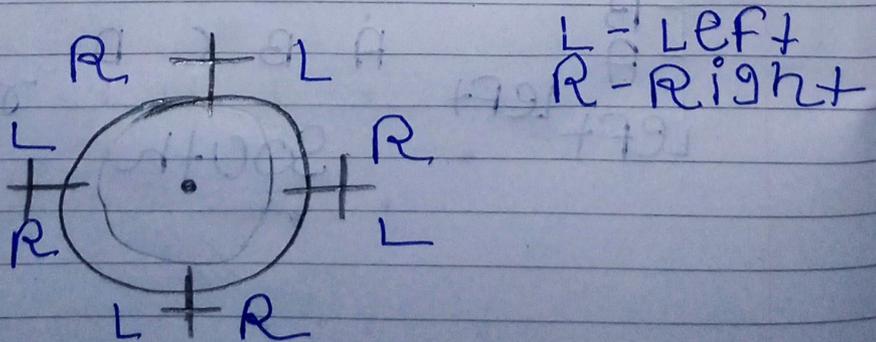
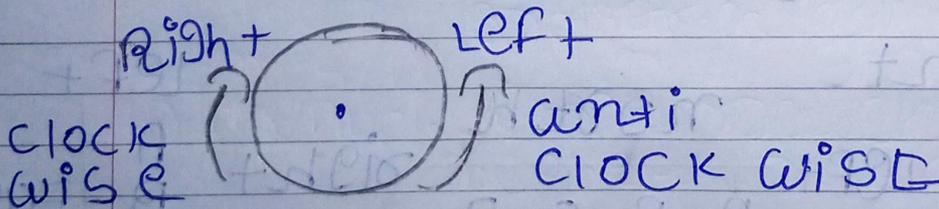
• Circular arrangement



a) towards the center



b) Looking outside



# Chapter-11

## BLOOD RELATIONS

meaning:- A person who is related to another by birth ~~rather than~~ by marriage

- to remember easily relations may be divided into 2 sides as below

\* Pro tips to make charts

→ Same generation in same row.

→ distinct marking for gender.

male +

female -

→ if there is a couple put in brackets

→ make an empty box if name is not given

→ if the information is not in proper linkage hold that statement, go to next and come back again

→ convert your question requirement into fill in the blanks.

→ if you are getting two ans for the question - JUST chill check the options.

→ For pointing <sup>base</sup> question, use empty boxes and also create arrows of direction if needed.

\* Generations of family tree diagram

1<sup>st</sup> Gen : Grand father  
Grand mother

2<sup>nd</sup> Gen : father, mother  
uncle, Aunt

3<sup>rd</sup> Gen : SELF  
Brother, Sister  
Brother in law, sister in law

4<sup>th</sup> Gen : Son, Daughter  
nephew, niece

## 1. Relations of Paternal Side

- Father's Father → Grand father
- Father's mother → Grand mother
- Father's Brother → Uncle
- ✓ - Father's sister → Aunt
- Children of uncle → Cousin
- wife of uncle → Aunt
- Children of Aunt → Cousin
- Husband of Aunt → Uncle

## 2. Relations of Maternal Side

- mother's father → maternal grand father
- mother's mother → maternal grand mother
- mother's brother → maternal uncle
- ✓ - mother's sister → maternal Aunt
- Children of maternal uncle → cousin
- wife of maternal uncle → maternal Aunt

## 3. Other Relations:

- Grand father's <sup>son</sup> → father / uncle
- Grand mother's <sup>son</sup> → father / uncle
- Grand father's only son → father
- Grand father's mother's only son → father

- mother's or father's mother → Grandmother

- Son's wife - Daughter in law

- Daughter's husband - son in law

- Husband's / wife sister - sis in law

- Brother's son - Nephew

- Brother's daughter - Niece

- Uncle / Aunt's son / daughter → Cousin

- Sister's husband - Brother in law

- Brother's wife - Sister in law

- Grand son's or grand daughter's daughter → Great grand daughter

- mother / father's son → Brother

- mother / father's daughter → sister

- mother / father's father → Grand father

- wife / her husband's father → father

- wife / husband's mother → mother in law

- father's wife → mother

- mother's husband → father

- son's / daughter's son / daughter

→ Grand son / Grand daughter.