# CAT DILR FORMULA & STRATEGY SHEET

## 1. TYPES OF SETS

• Tables and Charts

• Arrangements (Linear & Circular)

• Venn Diagrams

• Puzzles (Games, Conditions, Constraints)

• Binary Logic

• Networks & Routes

## 2. CORE FORMULAS & BASICS

• Venn Diagram (2 sets): $A \cup B = A + B - A \cap B$

• Venn Diagram (3 sets):

Total = $A + B + C - (AB + BC + CA) + ABC$

• Speed in tables: Total/Time or Distance/Speed depending on context

• Ratio conversion for puzzles

## 3. HOW TO PICK SETS

• Choose sets with:

- Clean data

- Less conditions

- Numeric or table format

- No excessive wording

• Avoid sets that require assumptions early

## 4. FIRST 5-MINUTE SCANNING RULE

• Scan all sets quickly

• Identify 2 doable sets

• Do NOT start with hard/wordy sets

## 5. ATTEMPT STRATEGY

• Solve 2 sets fully

• If time remains, start easiest third set

• Maintain accuracy — no random attempts

## 6. COMMON TIPS

• Draw tables quickly

• Mark definite vs possible values

• Avoid long logical chains

• Maintain neat rough sheet