

# Resources and Development

## Quick Study Guide

# HOW TO USE THIS GUIDE

HIGHLIGHTED TEXT SHOWS IMPORTANT POINTS

- ★ MARKS HIGH-FOCUS TOPICS
- 📄 INDICATES EXAM TIPS
- ⚠️ SHOWS COMMON ERRORS
- 💡 GIVES QUICK TIPS

## RESOURCES

Mnemonic: "NATURAL TYPES"

- N Nature given
- A Available forms
- T Time based
- U Utility value
- R Renewable ones
- A Abiotic types
- L Living things

### Quick Facts:

#### RESOURCE MAP

- Natural: Land, Water, Soil
- Human Made: Roads, Buildings
- Continuous: Solar Energy
- Stock: Minerals

### Remember As:

#### TEEN TYPE

1. Natural Resources
2. Human Made Resources
3. Human Resources

### Common Errors:

- Classification mix-up
- Biotic vs Abiotic
- Stock vs Flow
- Distribution patterns

## LAND RESOURCES

Mnemonic: "LAND USE"

- L Land types
- A Agricultural land
- N Net sown area
- D Distribution pattern

- U Usage pattern
- S Soil types
- E Erosion issues

### Categories:

#### DHAATI LIST

1. Private Land
2. Common Property
3. Forest Land
4. Agricultural Land
5. Wasteland

### Land Use Pattern:

#### UPYOG LIST

- Net Sown Area
- Current Fallow
- Forest Cover
- Non-Agricultural Use
- Barren Land

## SOIL TYPES

Mnemonic: "SOIL BOOK"

- S Six major types
- O Origin based
- I Important resource
- L Location specific

### Types:

#### MITTI TIME

1. Alluvial Soil
2. Black Soil
3. Red Soil
4. Laterite soil
5. Mountain Soil
6. Desert Soil

### Distribution:

- Alluvial: Indo-Gangetic Plains
- Black: Deccan Plateau
- Red: Tamil Nadu
- Laterite: Karnataka
- Desert: Rajasthan

## SOIL EROSION

Mnemonic: "DAMAGE HAT"

- D Deforestation effect
- A Agricultural practices
- M Mining impact
- A Agents of erosion
- G Gully formation
- E Environmental impact

### Impact:

- Soil Fertility Loss
- Land Degradation
- Productivity Drop
- Economic Loss

### Types of Erosion:

#### KATAO LIST

1. Sheet Erosion
2. Gully Erosion
3. Wind Erosion
4. Stream Bank Erosion
5. Coastal Erosion

## SOIL CONSERVATION

Mnemonic: "SAVE SOIL"

- S Strip cropping
- A Afforestation
- V Vegetation cover
- E Erosion check

### Methods

#### BACHAO PLAN

1. Contour Ploughing
2. Terrace Farming
3. Strip Cropping
4. Shelter Belts
5. Afforestation

### Key Methods:

- Contour Bunding
- Rock Dam
- Terrace Farming
- Shelter Belts
- Regulated Grazing

## LAND DEGRADATION

Mnemonic: "PROBLEM SET"

- P Physical factors
- R Rain impact
- O Overgrazing
- B Bad practices
- L Loss of fertility
- E Erosion types
- M Mining effect

### Causes:

#### KHARAB LIST

- Deforestation
- Overgrazing
- Mining
- Over-irrigation
- Industrialization

### Effects:

- Productivity Loss
- Desert Formation
- Water Logging
- Soil Salinity



## RESOURCE CONSERVATION

Mnemonic: "CARE NOW"

- C Conservation need
- A Awareness spread
- R Resource planning
- E Environment care

### Examples:

- Crop Rotation
- Mixed Farming
- Controlled Grazing
- Rainwater Harvesting
- Afforestation

### Methods

#### SURAKSHA TIME

- Sustainable Use
- Proper Planning
- Resource Management
- Conservation Steps
- Future Planning

## QUICK REVISION CHECKLIST

Before Exam:

- ✓ Resource Types
- ✓ Land Use Pattern
- ✓ Soil Types
- ✓ Erosion Types
- ✓ Conservation Methods
- ✓ Land Degradation
- ✓ Case Studies

### Scoring Tips:

1. Use examples
2. Draw diagrams
3. Quote statistics
4. Link concepts
5. Add case studies

100%

### HIGH FOCUS AREAS

1. Resources (5 marks)
2. Land Resources (5 marks)
3. Soil Types (4 marks)
4. Conservation (4 marks)
5. Degradation (4 marks)

## KEY FACTS TABLE

YAAD RAKHNA

Soil Type	Region	Characteristics
Alluvial	Indo-Gangetic	Most fertile
Black	Deccan	Cotton soil
Red	Peninsula	Iron-rich
Laterite	High rainfall	Less fertile
Desert	Rajasthan	Sandy texture

### Examples:

1. Terrace Farming
2. Contour Ploughing
3. Strip Cropping
4. Shelter Belts
5. Crop Rotation

### Important Terms:

- Land Use Pattern
- Soil Profile
- Soil Erosion
- Land Degradation
- Conservation
- Resource Planning

GOOD LUCK!

