

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:

DHARTI 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!

