



Examples =

Desert Climate → TEMPERATURE?

↳ RAINFALL?

REASONS FOR DESERT CLIMATE (30°N/S - HIGH PRESSURE)

Desert Soils = Characteristic of

↳
↳

INTERDEPENDENCE IN DESERTS

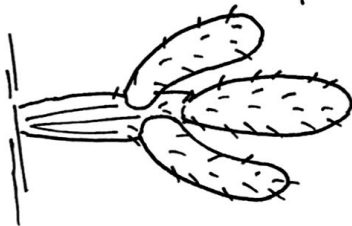
EXAMPLES:

DESERTS AND DESERTIFICATION

DESERT PLANTS AND ANIMALS.

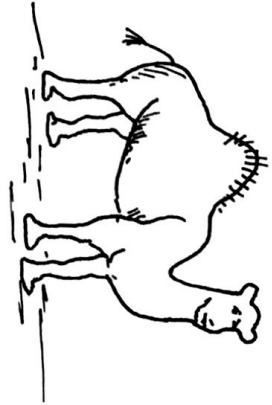
PLANTS

(i) Cacti - eg:-



(ii) Ephemerals

(i) CAMELS



(ii) DESERT FOX

(iii) KANGAROO RAT

ANIMALS.

What need to adapt to?
↳ DRY CONDITIONS
↳ HIGH TEMPERATURES
↳ UNRELIABLE RAINFALL.

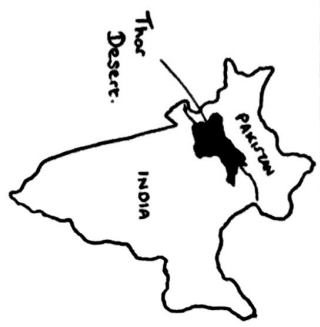
⇒ REMEMBER deserts are

FRAGILE ENVIRONMENTS

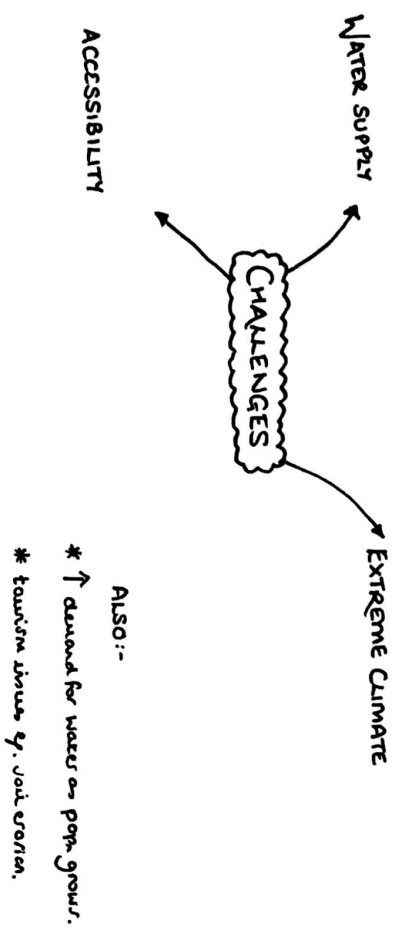
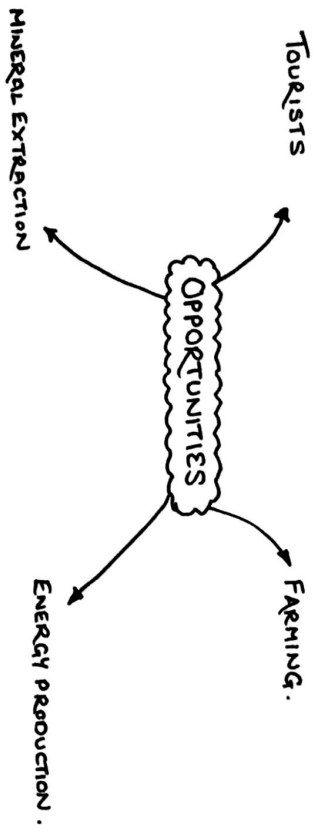
(i.e. easily disturbed) unsustainable human live can threaten these environment.

BIODIVERSITY IN DESERTS

Case Study: THE THAR DESERT.



LOCATION?
KEY FACTS?



(Remember - you MUST know specific facts & figures for case studies).

Desert 'Fringe' Areas and Desertification

Borders of deserts are dynamic e.g. SAHEL area (borders - Sahara Desert).
What threats are these fragile areas under?

- (i)
- (ii)

What is DESERTIFICATION?

Causes of Desertification

(i) CLIMATE CHANGE.

(a) Rainfall

(b) Temperature.

(a) Over-cultivation

(b) Overgrazing

(c) Demand for fuelwood.

(ii) HUMAN ACTIVITIES.

EXAMPLE → Desertification in Dafur - Sudan.

TACKLING DESERTIFICATION.

(i) LANDMANAGEMENT =

Eg's?

(ii) WATER MANAGEMENT =

Eg's?

(iii) TREE PLANTING =

Eg's?

(iv) APPROPRIATE TECHNOLOGY

Eg's?

SOIL WATER

ALL HAVE TO BE TAKEN INTO ACCOUNT TO BEST MANAGE LAND IN A SUSTAINABLE WAY.