

UNIT 3 PAPER 1

1. Tectonic processes and landforms

Named countries - Iceland/Indonesia

Constructive - rift valley landform. Destructive - ocean trench

Constructive, destructive, conservative + collision

Global distribution of tectonic activity - plate boundaries and hotspots

3. Earthquake Hazards

Prediction methods - for volcanoes also

Tsunami hazards

Earthquake management - Kobe - proofing

Hazards - liquefaction, Pancake collapse

2. Volcanic Landscapes

Examples - Merapi, Mt Etna, Montserrat

Hazards - Lahars, pyroclastic flows, Ash clouds

Small -scale features - geyser

Shield and stratovolcano - examples

Responses and effects to Volcanoes - social and economic

4. Reducing risks

Why are developed countries more advanced?

Prediction methods

Earthquake proofing - Trans-America pyramid

Hazard mapping