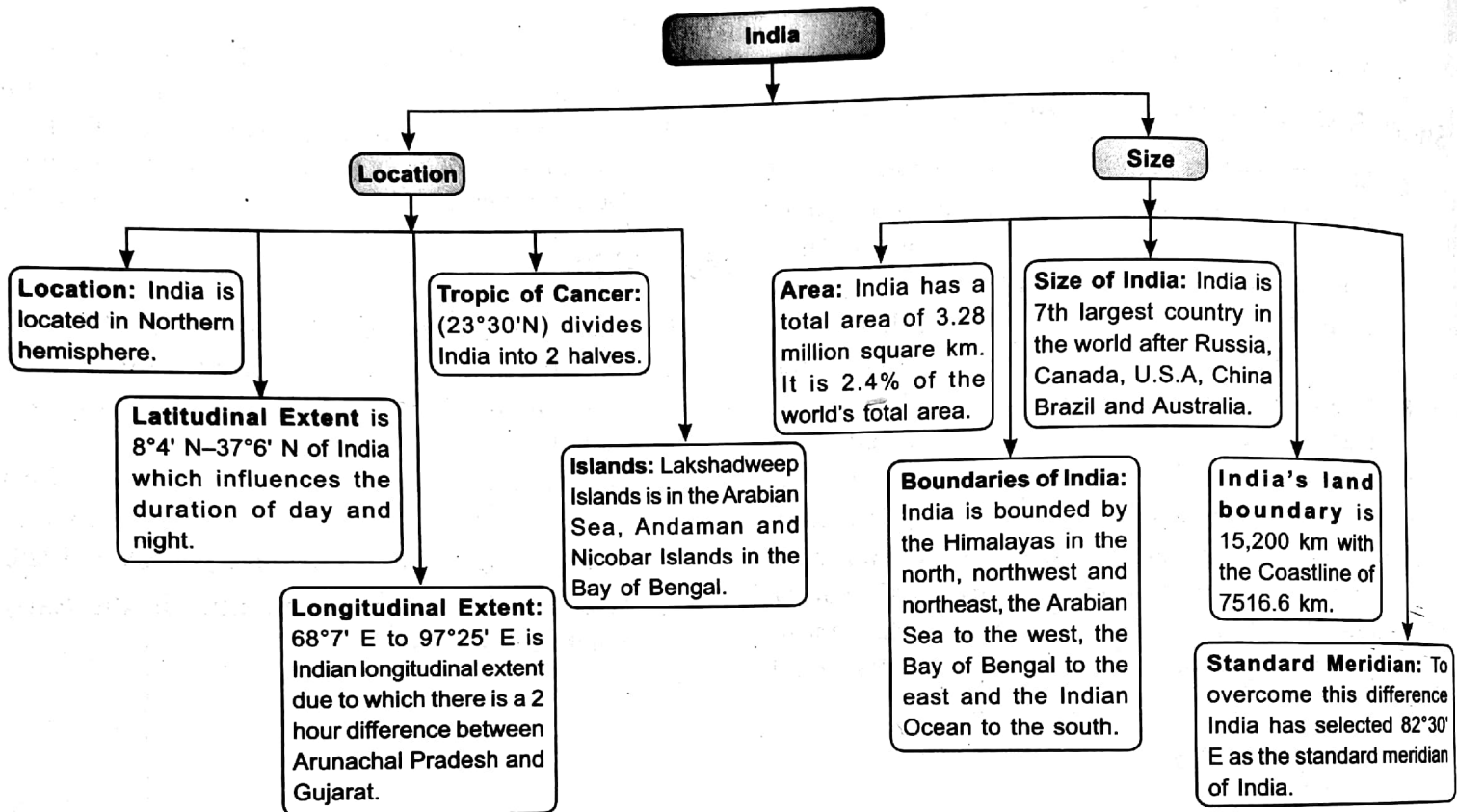
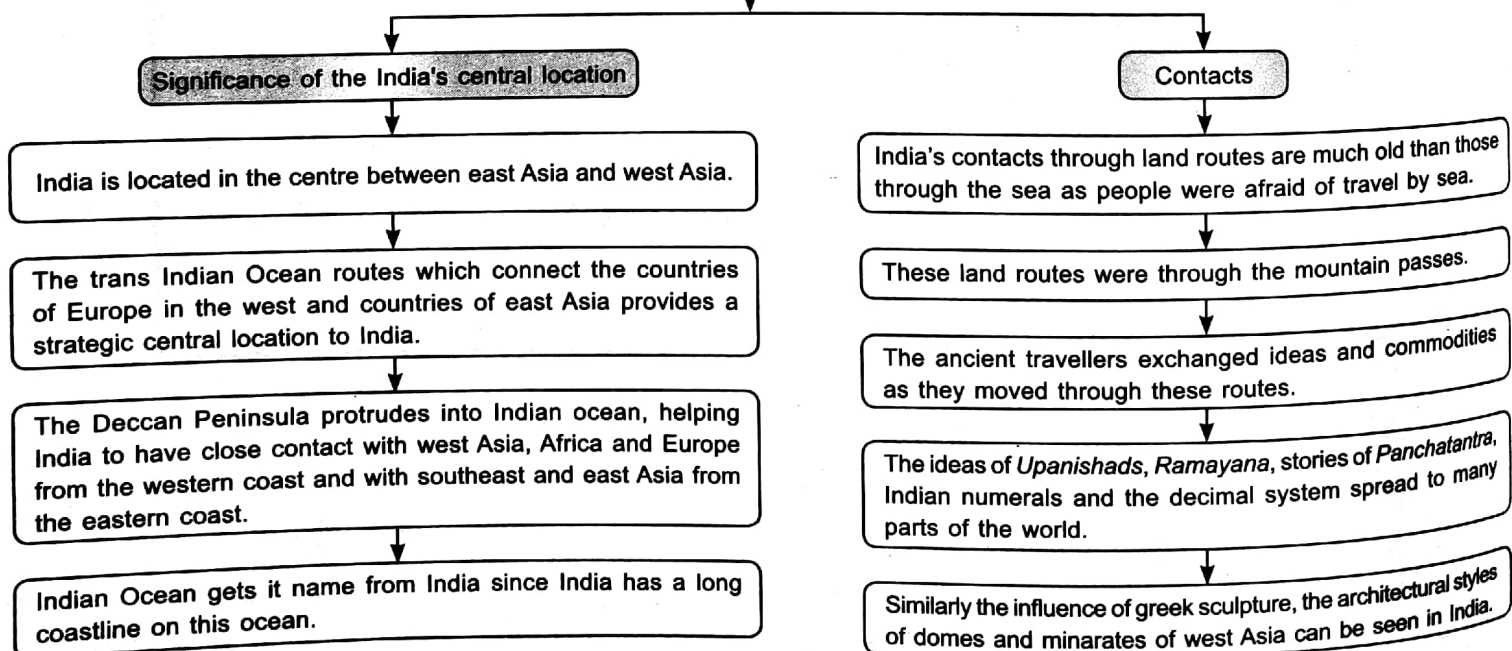


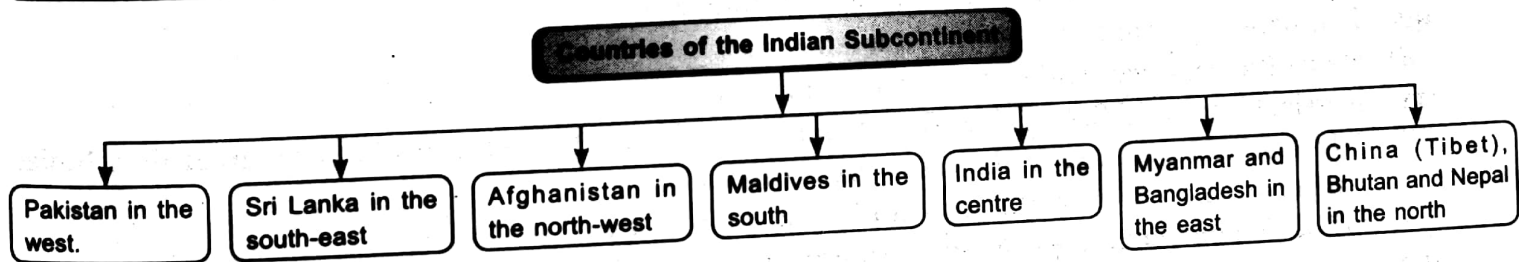
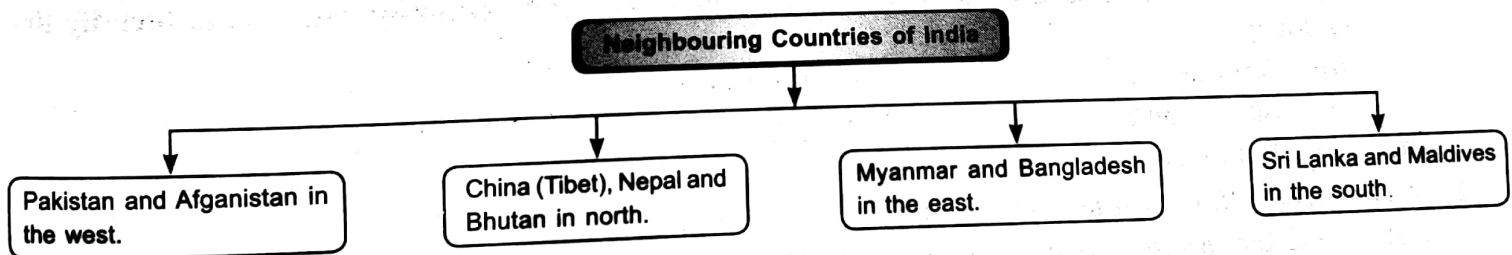
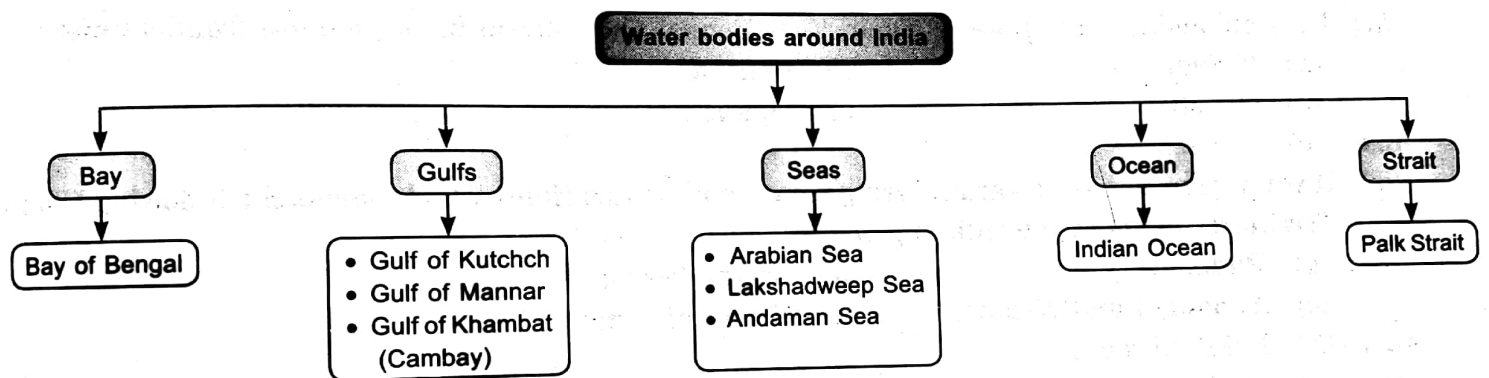
INDIA—SIZE AND LOCATION

Chapter at a Glance



India and the World





Chapter at a Glance

Physical Features of India

Theory of Plate Tectonics

History of Indian Subcontinent (formation)

Formation of Himalayas and Northern Plains of India

Theory of Plate Tectonics

The earth's crust has been formed out of seven major and some minor plates

Types of Plate Movements

Convergent Boundary

- When two plates come towards each other.
- It leads to collision, crumple or one plate may slide under the other. Resulting into folding, faulting and volcanic activity.

Divergent Boundary

- When two plates move away from one another.
- It leads to faulting or breaking of rocks.

Transform Boundary

- When two plates move past horizontally.

History of the Indian Subcontinent (formation)

Oldest landmass—Gondwana land

Gondwana land—included India, Australia, South Africa, South America and Antarctica as one single landmass.

Convectional currents toss the earth's crust into a number of pieces.

Led to the drifting of the Indo-Australian plate.

Its northward drift led to its collision with the much larger Eurasian plate.

This in turn led to the folding of the sedimentary rocks found in the Tethys Sea and led to the formation of mountain system of western Asia and Himalayas.

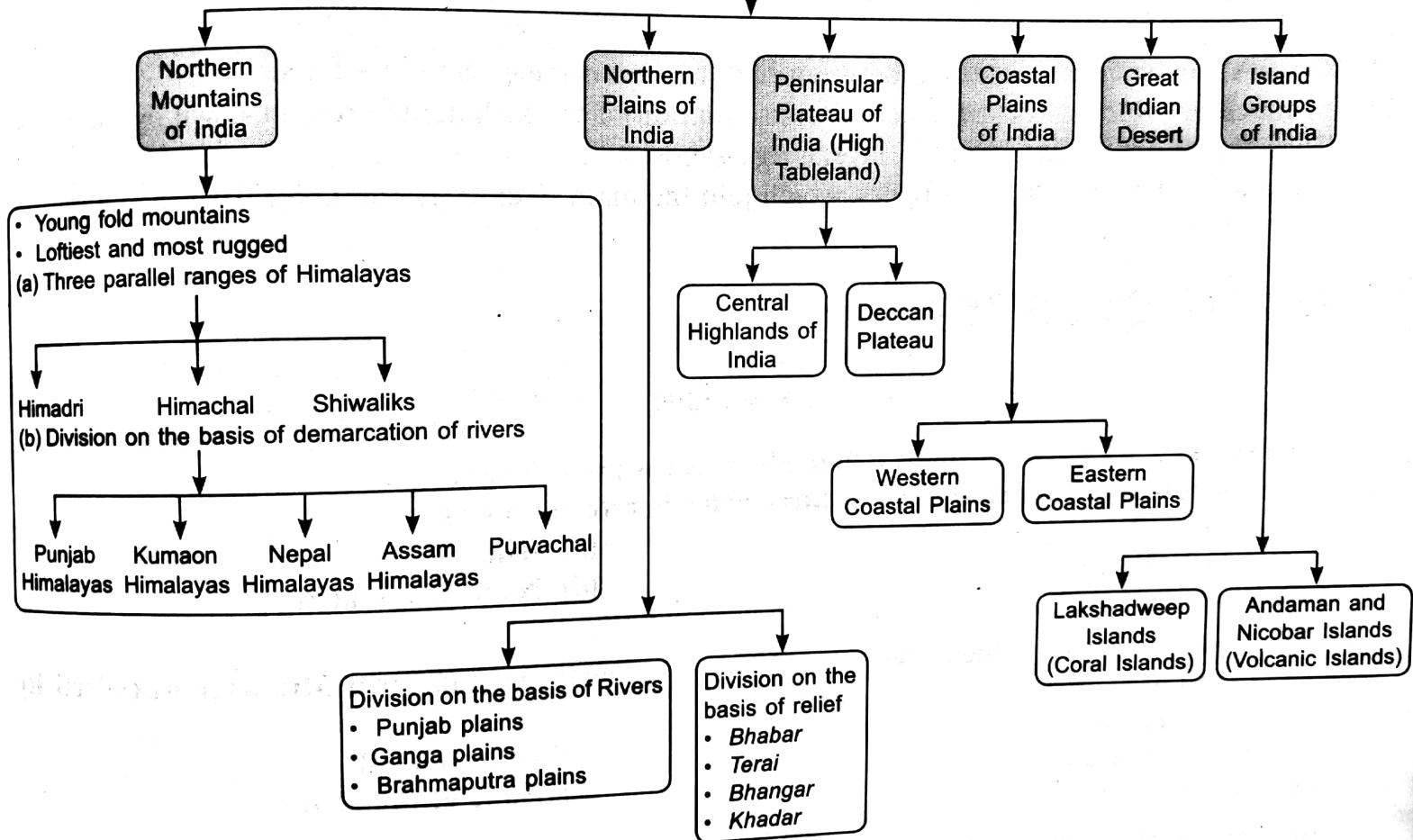
Formation of Himalayas and Northern Plains of India

The Himalayas were formed out of the sediments of the Tethys Sea and subsidence of the northern flank of the peninsular plateau.

The depression that was formed gradually got filled with sediments by the rivers.

The deposition of the sediments led to the formation of the Northern Plains of India.

Major Physiographic Divisions of India



DRAINAGE

3

Chapter at a Glance

