

India: Introduction Structures



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BY

Dr. Sanjay Kumar

Associate Professor and HOD
P.G.Department of Geography
Maharaja College, Ara

E-content for

B.A. Hons. Part- II

India: Introduction

.Geologically, India is a land of diversity.

.Here all geological systems (except some one or two) are present and can be studied .

.These geological structures are responsible for the formation of Indian Physiography and relief .

.The wide range of Physical features of India makes the country a complete geographical entity.

India: Introduction

- .It is interesting that India has every possible landscape that the Earth has.
- .It contains cold & high rise new mountains to hot arid desert.
- .It has diverse rolling surface of Plateau to vast area of flat Plains .
- . It has wide range of sea shore to tropical Islands even it contains coral reef islands and active volcanic Island.

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Stratigraphy

Cenozoic

Mesozoic

Paleozoic

Azoic



Indian Stratigraphy

Geologically, Stratigraphy of India is as follows –

Paleozoic

U

U



Azoic
(oldest)

Vindhyan - Known as Super group - Rich in Lime stone

Delhi series -

Aravalli -

Cudappah - Rich in sandstone, nickel, cobalt, copper, limestone, marble etc.

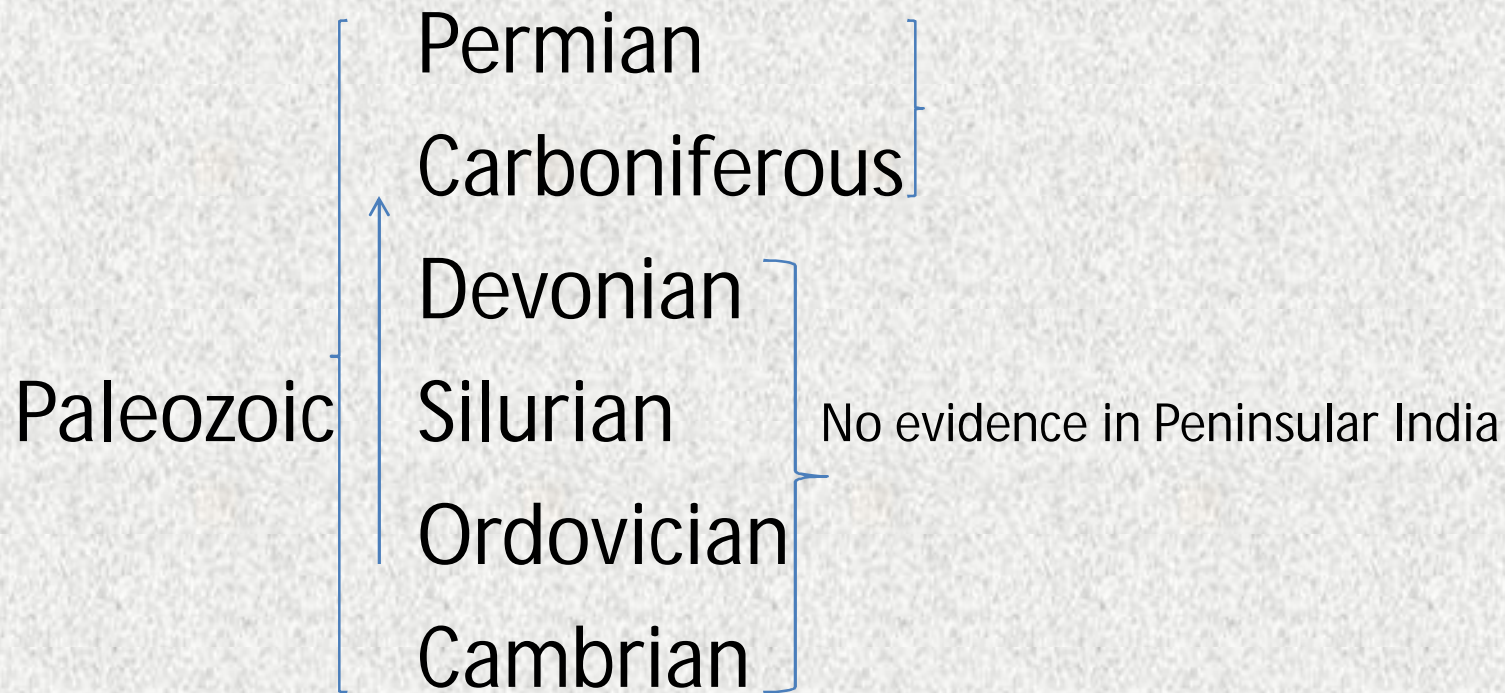
Dharwar - First sedimentary system of India

Archean - Known as Basement complex

Rich in metallic
and non - metallic

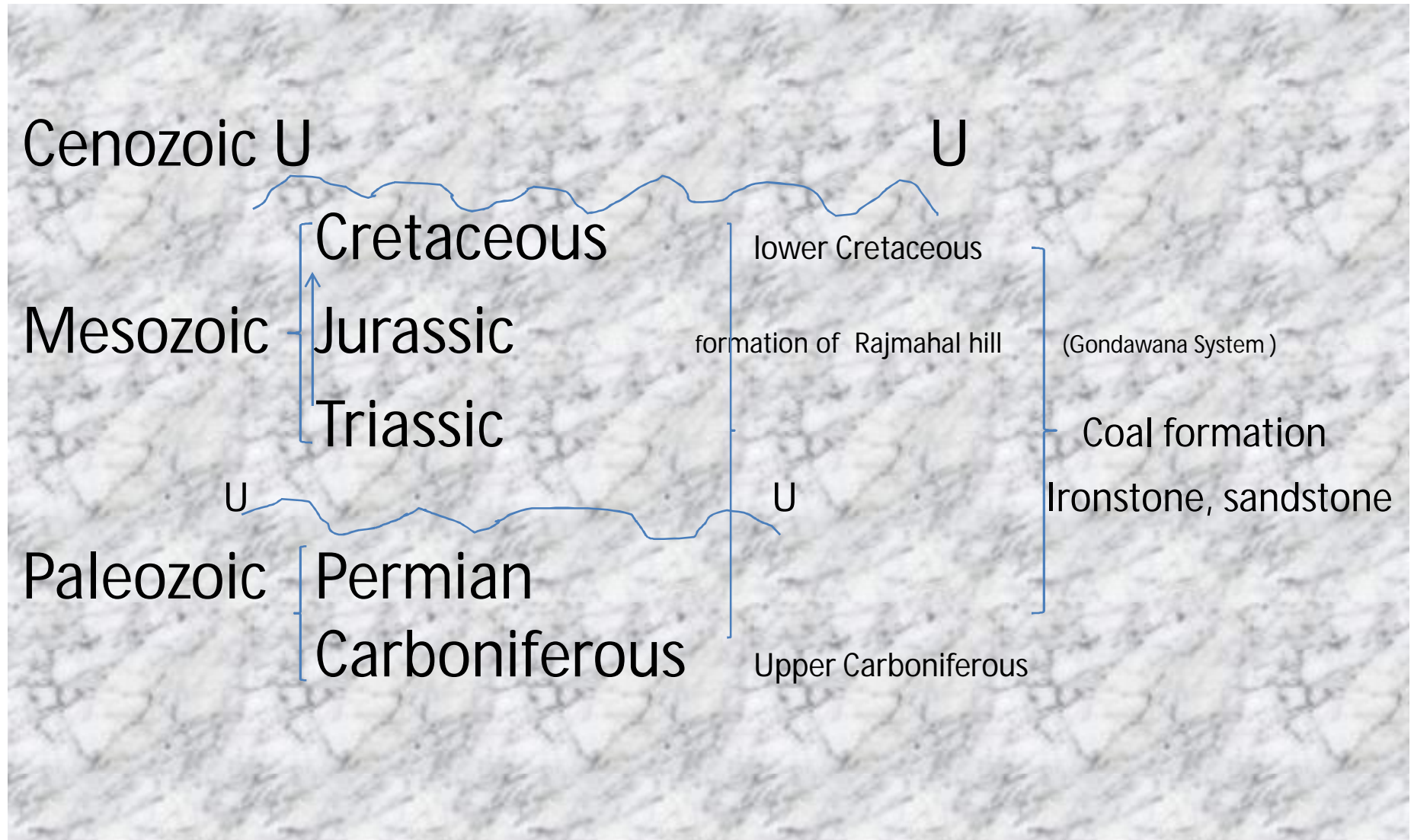
minerals

Contd...

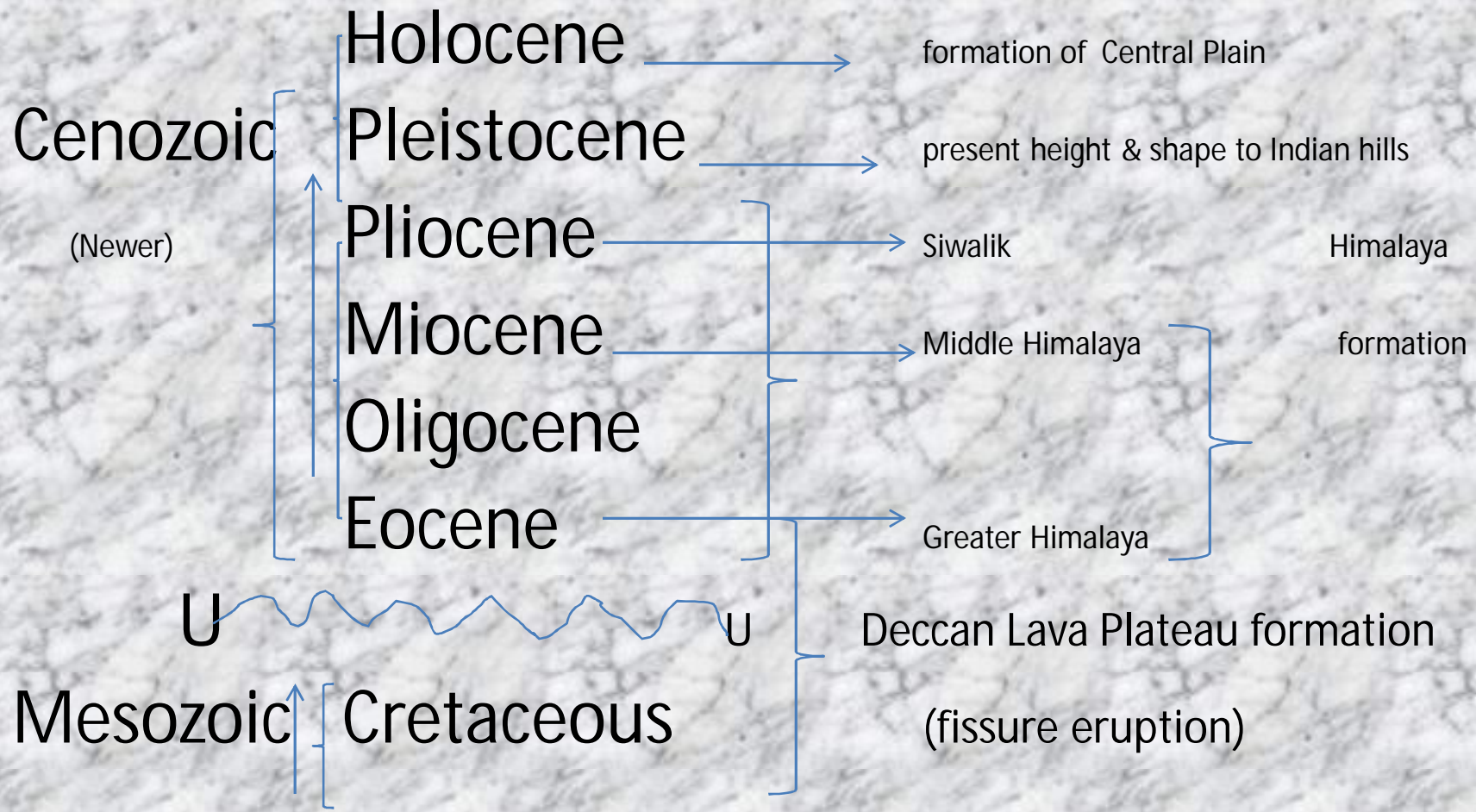


The period before Cambrian i.e. Azoic ; is known as Pre-Cambrian era.

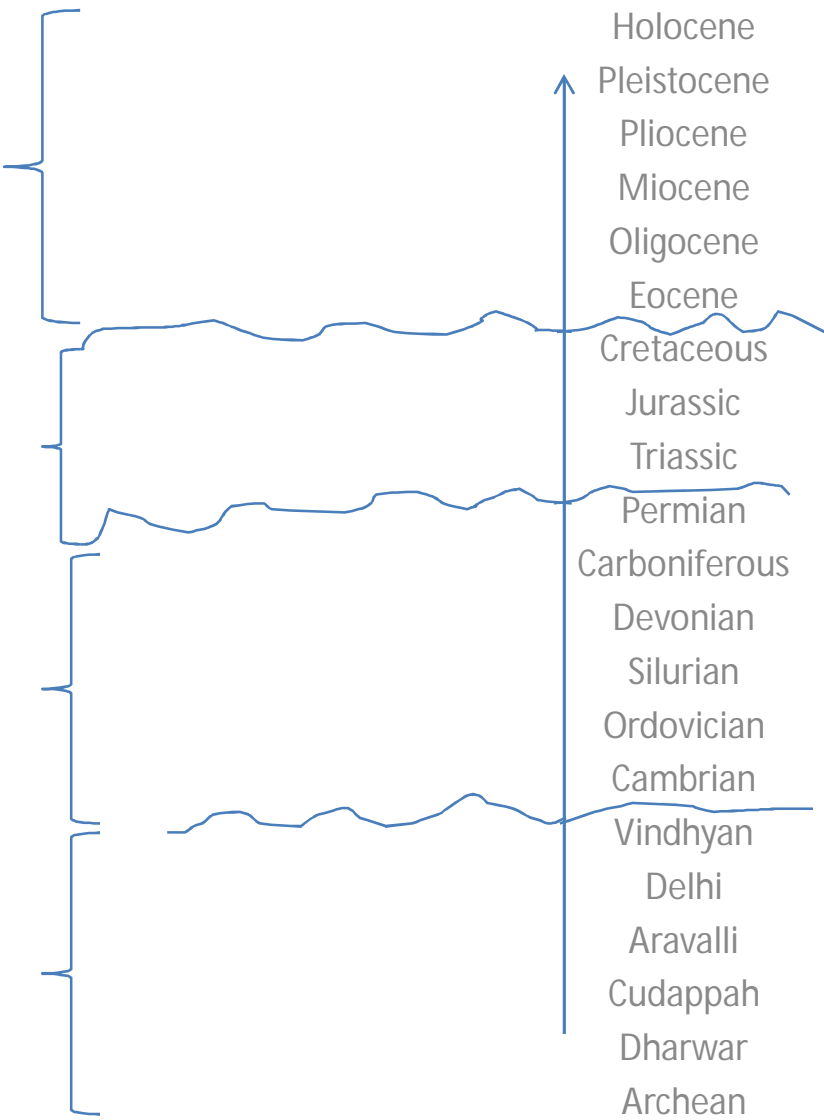
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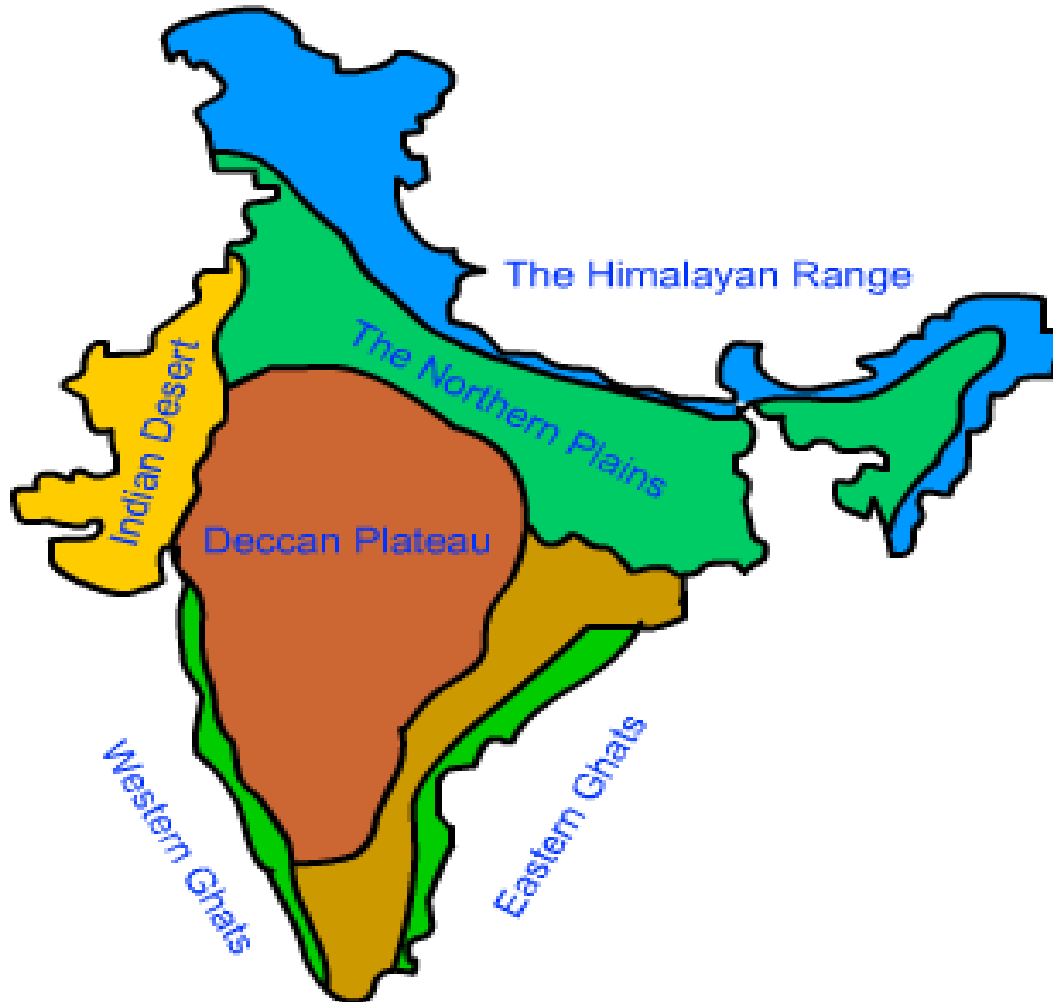
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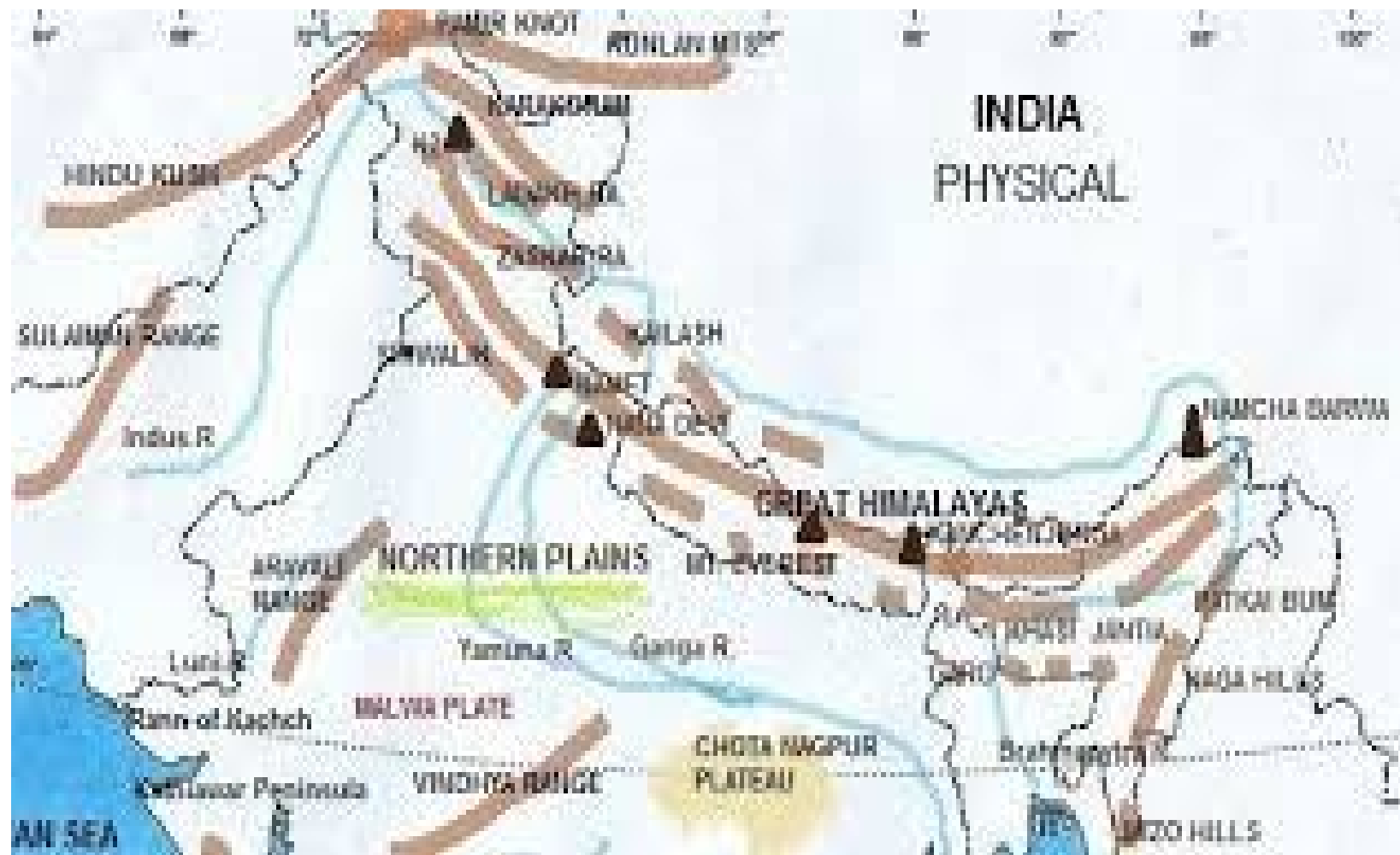
Physiographic Division



Mt. Everest



Mt. Everest



Himalayan Ranges



Central Plain



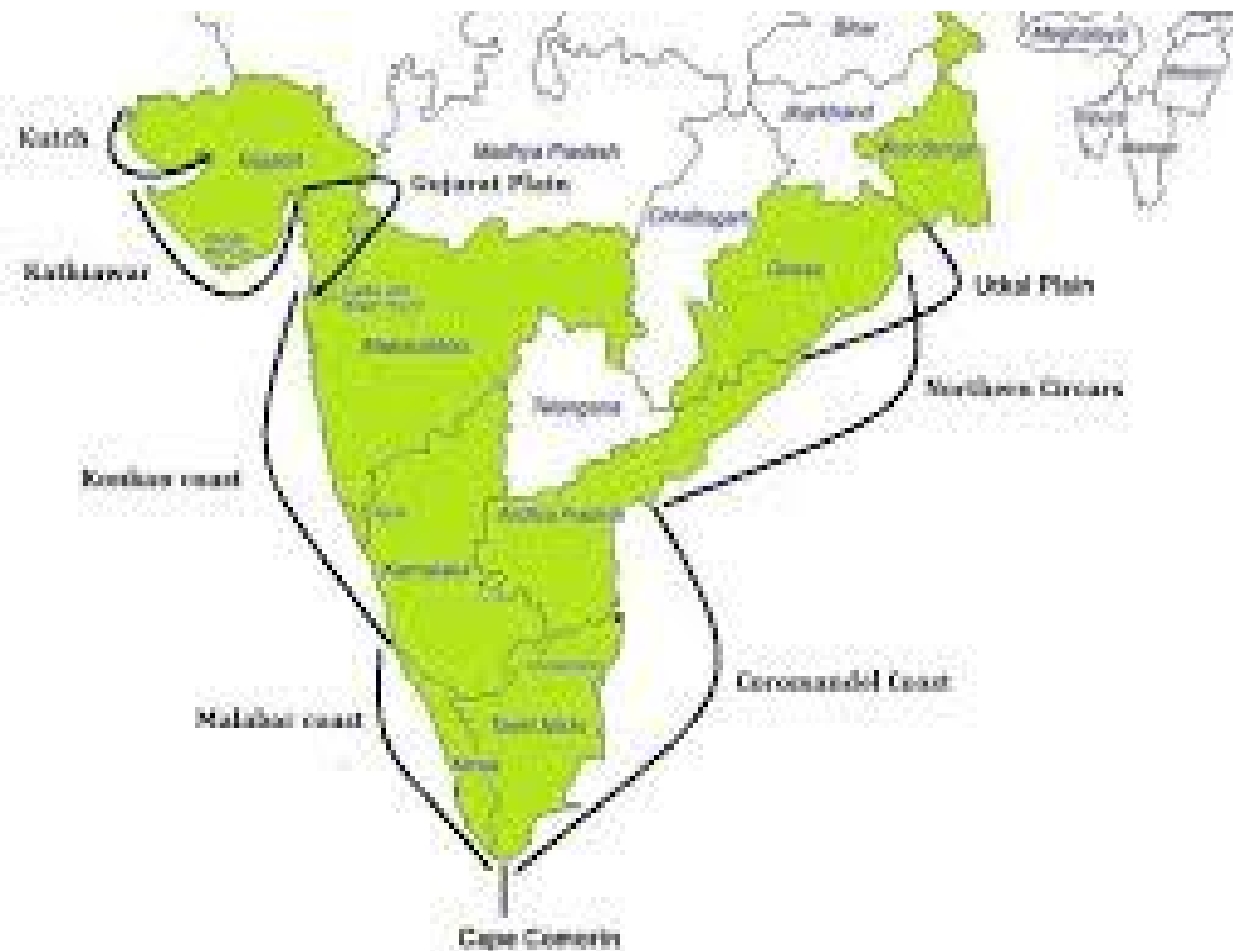
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Deccan Trap



Indian coasts



Indian Coast



Indian Islands



Indian desert



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Geologically , India can be divided into following structural Regions

1. Young Fold Mountain i.e. The Himalayas
2. Shield Region i.e. Peninsular India
3. Fore dip region i.e. Central Plains

The End

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