Date - 01/10/2020 Unit - I-1

## Indian Geo - 5

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Topic Covered - Indian Desert, Coastal Margins and Island

#### Indian Desert

#### Location:

- Western part of Rajasthan
- North-West of Aravalli Hills

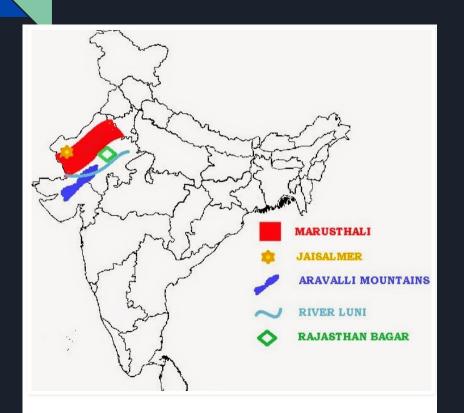
#### Geology

- Coastal Environment was present in Permian- Carboniferous age
- In Pleistocene age, the area got uplifted
- Desert Formation started in Late Quaternary Mid Pleistocene Age

### Major Characteristics

- Main Proper Desert is called **Marusthali** (Land of dead end)
- **Bagar** is called an area which have less amount of sand in boundary area (western part of Aravalli)
- The area where due to the presence of streams, agriculture is happened in a sort of way is called **Rohi**
- Playa or lake is connected from underlying streams

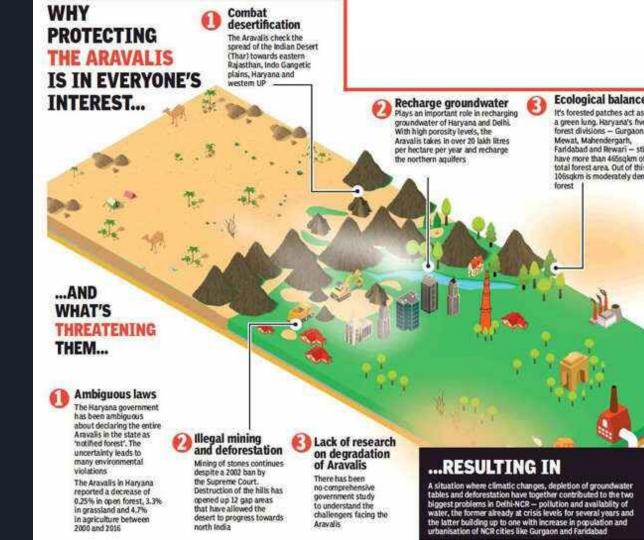
### Division



# GEOLOGICAL SURVEY OF INDIA LITHOSTRATIGRAPHIC MAP OF RAJASTHAN AND GUJARAT SCALE 100 200 300km GANDHINAGAR C

( Map source: Rec.Geol.Surv.Ind.,1989,V-122,Pt.7,Ext.Abs. F. S. 1987-88)

## Management Procedure



### Coastal Margins

- India has a total Coastline of 7516.6 Km, which consists of 6100 Km
  Continental Margin and 1197 Km Island Margin
- East Coast lies from Ganga Delta and Kanyakumari
- East Coast consists of Utkal Coast, Andhra Coast, Tamil Nadu Coast,
  Coromandel Coast.
- West Coast lies from Gulf of Cambay to Kanyakumari
- It consist of Konkan Coast, Kerala Coast, Karnataka Coast

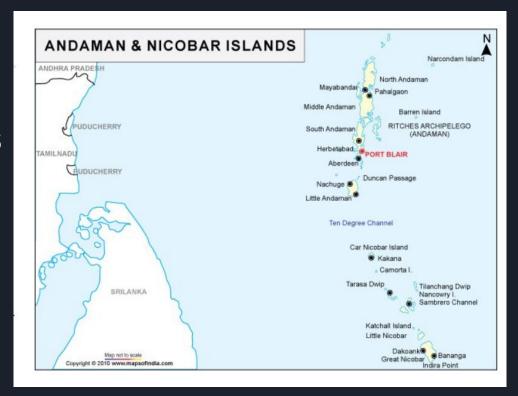
Rann of Kutch Coastline of India Gulf of Kutch Coastal Plains of India Kutch www.pmfias.com **Gulf of Cambay** Kathiawar (Gulf of Khambhat) Diu-Daman **UTKAL COAST** KONKAN Northern Circars COAST ANDHRA COAST (Coastline of submergence) Carnatic Plains **Pulicat Lake** (Coastline of emergence) CORAMANDAL MALABAR COAST COAST (Payan Ghat) (Coastline of Vembanad Lak emergence)

Indian

Coast

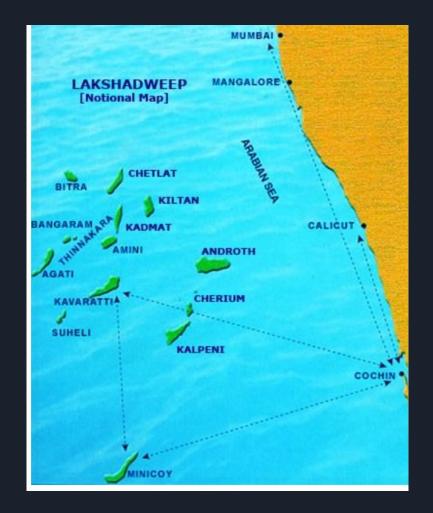
#### Island

- Andaman and Nicobar Islands
- It is an archipelago consists of 265 small and medium islands
- Ten Degree Channel is called the middle part between Andaman and Nicobar Islands
- Coral Reef



#### Islands

- Lakshadweep Islands
- Consists of three type of island
- Amindivi Islands
- Laccadive Islands
- Minicoy Islands
- Fringing reef
- Total island is 25



## Have Questions? Ask Here

#### References:

- www.wikipedia.com
- https://insa.nic.in/writereaddata/UpLoadedFiles/PINSA/Vol69A 2003 2 Art03.pdf
- www.pmfias.com
- www.civilsdaily.com