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'17 JUNE
09 FRIDAY
Wk 23 DAY 160-205

JUNE

Wk	M	T	W	T	F	S	S
22				1	2	3	4
23	5	6	7	8	9	10	11
24	12	13	14	15	16	17	18
25	19	20	21	22	23	24	25
26	26	27	28	29	30		

B.A. Part - I Paper - I Date - 02/07/2024

Physical Geography (Unit - III)

* Coastal landforms / Topography

⇒ Coastal landforms are formed by the constant action of the waves, tides and currents.

⇒ The coastline under the influence of these denudational agents changes the coastal landforms and gives shapes to various types of marine landforms features.

* Agents of Coastal Erosion :-

1.) Waves

2.) Tides and Currents

1.) Waves :-

→ It accomplish most of the changes along the coasts.

→ Constant impact of breaking waves

He who excuses himself accuses himself.
- Gabriel Meurier

drastically affects the coasts.

→ When waves break, the water is thrown with great force onto the shore and simultaneously, there is a great churning of sediments on the sea bottom.

→ Storm waves and Tsunami waves can cause far-reaching changes in a short period of time than normal breaking waves.

→ On ~~calm~~ calm days when winds are slight, waves do little damage to the shoreline and may instead help to build up beaches and other depositional features.

2.7 Tides and Currents :—

→ Tides and Currents on contact with the shores, make very little direct attack on the coastline.

SUNDAY 11

→ Tides affects the marine erosion mainly by extending a lot due of erosion into a zone of erosion. This zone correspond to the area

'17 JUNE

12 MONDAY

Wk 24 DAY 163-202

JUNE 2017

Wk	M	T	W	T	F	S	S
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between the low water level and the high water level.

→ Currents helps to move the eroded debris and deposit it as silt, sand and gravel along the coasts.

* The mechanism of marine or coastal erosion :→

→ The rate of marine or coastal erosion depends on the nature of rocks, the amount of rock exposed to the sea, the effect of tide and currents and human interference.

→ Marine agents of erosion operate in the following ways to transform the coastal landscape. They are as follows :—

(i) Corrasion :→ It is a process of mechanical erosion. Waves armed with rock debris break on cliff faces and slowly erode it. On-coming currents and tides complete the work by sweeping the eroded material into the sea.

Bad excuses are worse than none.