Assignment 12

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Due on 2020-04-22, 23:59 IST.

1) Identify the correct coastal ocean bathymetry in ascending order from coastal land to sea: waves, ripplae, tidal bars, sand bars, bottom sand, and offshore. (3 points)

2) Coastal terrains are basically resulting of sea level fluctuations. High sea level indicates _______ and low sea level indicates _______. (2 points)

3) As a wave approaches the shore the stored energy _______ and wave height _______. (2 points)

4) Coastlines are most probably developed in a transgressive range between _______ and regressive range between _______. (2 points)

5) Canals are good indicator of sea level changes. When an island uplifted during earthquake the upper part of canals _______ but the lower part that is still below sea level _______. (2 points)

6) The different heights of _______ point towards the change in erosion or sea level in the past geological times. (3 points)

7) What was the rupture length of 2004 Sumatra–Andaman earthquake? (3 points)

8) 2004 Tsunami has caused coastal land changes along the Andaman and Nicobar Island _______ along the Eastern coastline _______ along the Western coast _______. (3 points)

9) Deep sea tsunami waves are of _______ height and _______ wavelength. (2 points)

10) Height of run-up of the tsunami at the point of impact will depend on _______. (2 points)

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