

Reg. No.

--	--	--	--	--	--	--	--	--	--



GIE 508

**Third Semester M.Sc. Degree Examination, Dec. 2018/Jan. 2019
(CBCS)
GEOINFORMATICS
Geoinformatics of Coastal Environments (Open Elective)**

Time : 3 Hours

Max. Marks : 70

I. Define **any five** of the following.

(2×5 =10)

- 1) Ports
- 2) False colour composites
- 3) IRS
- 4) Shore line
- 5) CRZ
- 6) OCM
- 7) EIA.

II. Write short notes on **any five** of the following.

(4×5=20)

- 8) Aerial Photos and satellite images.
- 9) Advantages of remote sensing.
- 10) Scattering and types of scattering.
- 11) Marine erosional topographic features.
- 12) Coastal Regulations Zones and amendments.
- 13) Application of EIA.
- 14) Coastal Information System (CIS).

P.T.O.



III. Answer **any four** of the following.

(5×4=20)

- 15) Hyperspectral Remote Sensing.
- 16) Topographic maps and Naval hydrographic charts.
- 17) Genesis of Coasts.
- 18) CRZ-I and CRZ-II.
- 19) EIA norms.

IV. Essay type questions.

20) Give a detailed account of outlines of Remote Sensing.

10

OR

Give an account of mangroves, types and their importance in protecting coastal erosion.

21) Give a detailed account on the classification of Coastal Environment.

10

OR

Write a detailed note on Indian Remote sensing satellites. Add a note on potential fishing zone mapping.
