

2025

M.Sc. 1st Semester Examination

FISHERIES SCIENCE

Paper : FSCE405A0

[Remote Sensing and GIS]

Full Marks : 25

Time : One Hour

*The figures in the margin indicate full marks.
Candidates are required to give their answers
in their own words as far as practicable.*

Group - A

Answer any *two* questions : $2 \times 2 = 4$

1. What is spectral range of visible region?
2. What is Geographic Information System (GIS)?
3. Which sensor provide SST datasets?
4. What is Potential Fishing Zone (PFZ)?

Group - B

Answer any *two* questions : $4 \times 2 = 8$

5. Describe the role of Remote Sensing in fisheries forecasting systems.

P.T.O.

(2)

6. Differentiate between active and passive sensors used in remote sensing.
7. Write a note on impact of natural and man-made hazards on fisheries sector.
8. What do you mean by spatial data and non-spatial data?

Group - C

Answer any *one* question : $8 \times 1 = 8$

9. Discuss sea safety measures for fishers with GPS and disaster warning systems.
10. Write short notes on : $2 \times 4 = 8$
 - (i) NAVSTAR GPS
 - (ii) Advantages of satellite remote sensing
 - (iii) Expendable Bathythermograph
 - (iv) NOAA and AVHRR

Internal Assessment : 5 marks
