

2025

M.Sc. 1st Semester Examination
OCEAN GEOMATICS WITH AI

Paper : OGAC407X9

(Ocean Optics and Coding in Oceanography)
(Practical)

Full Marks : 50

Time : Four Hours

The figures in the margin indicate full marks.

Answer *all* the questions : 10×4=40

1. Construct a dictionary object with name and scores of 4 students in the "Python Programming" paper. Print the output variable. 6+4
2. Write a conditional statement to print message for a user given input Age as per following conditions : 0-12 : kid, 13-19 : teen, > 20 : adult, > 60 : senior citizen. 8+2
3. An oceanography student randomly assigns one of four possible temperature classes to each of 10 ocean grid points, with only one correct class per unit. What is the probability that exactly 3 grid points are classified correctly? 6+4

P.T.O.

(2)

4. Write a Python code to take a number n from user as input and generate all the Prime numbers from 3 to n .
How do you import a CSV file in Python?
 5. Practical Notebook and Viva-voce. 5+5
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