

INDIAN MARITIME UNIVERSITY
(A Central University, Government of India)
End Semester Examination Dec 2019/Jan 2020
B.Sc. (Nautical Science)
Semester - IV
UG21T2401 - Computer Science paper - II

Date: 13.12.2019
Time: 3 Hours

Max Marks: 70
Pass Marks: 35

Answer any seven of the following. (7X10=70)

1. Write short notes on (10)
 - a. Variables
 - b. Constants
 - c. Keywords
 - d. Data types in C language
2. Explain scanf() and printf() statement with syntax. (10)
3. Write a C program to check whether a year is leap year or not (10)
4. Explain Switch case statement with example (10)
5. What is loop? Explain with example the different types of loops available in C language? (10)
6. Write a program to input two matrices and then calculate the sum of their corresponding elements and store it in a third matrix (10)
7. Define function Explain with an example how to write a function and use it (10)
8. Explain with example the declaration and initialization of string variables (10)
9. Write short notes on (10)
 - a. structures
 - b. pointers
