

INDIAN MARITIME UNIVERSITY
(A Central University, Government of India)

June 2017 End Semester Examinations
B. SC (Nautical Science – First Semester)

(Computer Science – UG21T 3104)

(AY 2016 - 17 batch onwards)

Date: 08.06.2017

Time: 3 Hrs

Maximum Marks : 70

Pass Marks : 35

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

1. What is mail merge? Write the procedure to use mail merge for inviting your friends for your birthday party. (10 Marks)
2. How are charts useful in Excel? Compare any three chart types available in Excel. (10 Marks)
3. a) What is the difference between Animation and Transition? (5 Marks)
b) Write the procedure to insert a chart in a slide (5 Marks)
4. Carry out the following conversions: (10 Marks)
 - i. $(101011)_2 = (?)_{10}$
 - ii. $(247.6875)_{10} = (?)_8$
 - iii. $(3A.2F)_{16} = (?)_{10}$
 - iv. $(5647.45)_8 = (?)_{16}$
 - v. $(35.625)_{10} = (?)_2$
5. Write short notes on (10 Marks)
 - a. EDI (Electronic data interchange)
 - b. Encryption
 - c. Digicash
 - d. SSL (Secure Socket Layer)
 - e. Hashing
6. a) Write about character input and output in details (5 Marks)
b) Write a program to accept a number from keyboard and find whether it odd or even (5 Marks)
7. Explain switch-case statement with example (10 Marks)

8. Define function. Explain how a user defined function can be created and used. (10 Marks)
9. a) Define pointer. Explain how is it declared and used. (5 Marks)
- b) Define structure. Explain declaring and accessing of structure members with example. (5 Marks)
