

INDIAN MARITIME UNIVERSITY
(A Central University, Government of India)
First Semester – BSc (NAUTICAL SCIENCE)
December 2017 End Semester Examinations
Computer Science

Subject Code: UG21T3104
Time: 3 Hours

Date : 12.12.2017
Max Marks: 70
Pass Marks: 35

Part – A

Answer all the questions (Compulsory) (5X2=10)

1. Short note on Spelling and grammar check in word
2. Mention steps to apply animation effects to selected object in a slide
3. Define system software. Give example
4. Explain Digital Signature
5. Explain conditional operator with example.

Part - B

Answer any FIVE of the following. (5X12=60)

6. a) Explain the various options available in word for formatting paragraphs (4)
b) Explain the steps for creating Header and Footer in MS Word (4)
c) Write down the procedure to create chart in excel (4)
7. a) Explain any six functions in Excel. (6)
b) What is Slide Master? How do you use it? (6)
8. a) Write down the steps in creating a table in MS Access? (6)
b) What is Query? Write the steps in creating a query? Explain "AND" and "OR" operator. (6)
9. a) Perform the following (6)
 - i) $89_{10} = (?)_2$
 - ii) $(CA8)_{16} = (?)_{10}$
 - iii) $14_{10} - 8_{10}$ using 2's complement subtraction
b) What is memory? Explain virtual memory and its uses. (6)
10. a) Explain ASCII code, EBCDIC code and Excess 3 code (6)
b) What is E-commerce? What are its advantages and disadvantages? (6)
11. a) Write short notes on SET and SSL (6)
b) What is cryptography? Explain public key and private key cryptography (6)
12. a) What is Operator? Explain precedence of Operator (3)

- b) Explain if statement with example (3)
- c) Write a C program to find the factorial of number using recursion (6)
- 13. a) Explain different loops with example in c language (6)
- b) Explain two dimensional array with suitable example (6)
