

INDIAN MARITIME UNIVERSITY
(A Central University, Government of India)
END SEMESTER EXAMINATION- JUNE/JULY 2019
BSC (NAUTICAL SCIENCE)
SEMESTER - I
COMPUTER SCIENCE PAPER
(UG21T3104)

Date: 16.07.2019
Time: 3 Hours

Max Marks: 70
Pass Marks: 35

PART-A
Answer all the questions

- Q.1 (a) Define E-commerce. (5x 2 =10 marks)
(b) State the difference between slide transition and animation.
(c) Define keywords in C programming and list them (at least 8 keywords).
(d) Define binary code .Give example for binary code.
(e) State the difference between symmetric and asymmetric cryptography

PART-B
(Answer any 6 questions from the following) (6x10=60)

- Q2. (a) Explain Steps for spelling and grammar check in MS-Word. (5 marks)
(b) What is Mail-Merge? Write its advantages and the steps to mail-merge. (5 marks)
- Q3. (a) Explain Conditional –Formatting and write steps for applying conditional formatting in MS-Excel (5 marks)
(b) Explain different slide layouts with diagram. Write steps to insert a new slide in MS PowerPoint (5 marks)
- Q4. (a) Explain different types of charts in MS-Excel. Write steps to insert a chart? (5 marks)
(b) Write short note on tables and relationships formed in table in MS-Access. (5 marks)
- Q5. (a) Convert $ABC7_{16}$ to binary. (2 marks)
(b) Convert 111010100_2 to Octal. (2 marks)
(c) Find hexadecimal conversion for 35631_{10} . (2 marks)
(d) Find the equivalent decimal and hexadecimal conversion of 345_8 . (2 marks)
(e) Write short note on grey code. (2 marks)
- Q6. (a) Write difference between high level and low level programming language. (3 marks)
(b) Write short note on cache memory (3 marks)
(c) Subtract using 2's complement $01100 - 01010$ (2 marks)
(d) Solve the following. $11100110 \div 110$ (2 marks)

- Q.7. (a) Write a program to insert two integer values and swap them. (5 marks)
(b) Write difference between array and structure. (5 marks)
- Q8. (a) Explain pointers with example. (5 marks)
(b) Explain function in C programming with example. Writes advantages of Using function. (5 marks)
- Q.9. (a) What are different business models in E-commerce. List advantages and disadvantages of E-commerce (5 marks)
(b) Explain SET protocol for E-commerce transaction. (5 marks)
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