

Roll No.....

Total No. of Printed Pages: 1

Total No. of Questions: [09]

BBA (Semester – 5th)
ESSENTIAL OF IT
Subject Code: BCSE0F93
Paper ID: [OE1150124]

Time: 03 Hours

Maximum Marks: 60

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A

(2 marks each)

Q1. Attempt the following:

- a. What is an Identifier used in programming language?
- b. List some text formatting tags in HTML.
- c. Define Arrays.
- d. What is Integrated Development Environment?
- e. What is Polymorphism?
- f. List and draw some notations used in ER modeling.
- g. Why “views” are used in DBMS?
- h. What is the use of “User Interface” in web development?
- i. Discuss performance testing.
- j. What are the features of JavaScript?

Section – B

(5 marks each)

- Q2. What is Unified Modeling Language? Discuss its importance.
- Q3. Design an algorithm and flow chart for Binary Search algorithm.
- Q4. What is Inheritance? Explain with the help of suitable example.
- Q5. Compare DML, DDL and DCL with suitable examples.
- Q6. What is software testing and why it is used? Discuss with example.

Section – C

(10 marks each)

- Q7. Elaborate Following OOPS concepts with suitable example:
i. Class ii. Object iii. Access Specifiers
- Q8. Explain Waterfall model in detail. Explain its advantages and disadvantages also.
- Q9. What are the significances of normal forms while designing any database? What may happen if we do not use the concepts of Normal forms? Also, Design a hypothetical database and implement various types of normal forms on it. (Assume suitable data yourself)