

Roll No.....

Total Pages: 2
1227

BCA/D-17
Computer & Programming Fundamentals
Paper: BCA-111

Time: Three Hours

Maximum Marks: 80

Note: Attempt five questions in all, selecting at least one question from each Unit. Q. No.1 is compulsory.

Compulsory Question

1. (a) What do you mean by CPU?
(b) What is the purpose of ROM?
(c) Define Software.
(d) Define Computer Virus.
(e) What is Merging?
(f) Define Language Translator.
(g) What do you mean by Computer Program?
(h) Define output devices with the help of suitable examples.

Unit-I

2. (a) Define Computer.
(b) Also write down the characteristics of a Computer.
3. (a) What do you mean by Memory?
(b) Explain Memory Hierarchy.

Unit-II

4. (a) Define an operating system.
(b) Discuss the functions of an Operating System.
5. (a) Define input devices.
(b) Explain any three input devices.

Unit-III

6. Discuss the concept of Program Design in detail.
7. (a) What is an Algorithm?

- (b) Write an algorithm to find the average marks of a class of 60 students in the subject of Computer Science.

Unit-IV

8. (a) What do you mean by Searching?
- (b) On what type of lists Binary Search Algorithm is applicable?
- (c) Write down the algorithm for Binary Search Method.
9. Write down the characteristics of a good programming language.