

Class – BCA-IV

Paper – System Software

Time Allowed : 3 Hours

Maximum Marks : 100

Note: Attempt any 5 questions.

1. Discuss the evolution of operating system.
2. (a) Write a note on
  - (i) BALR
  - (ii) USING
- (b) Write a note on conditional MACRO.
3. Discuss the design of Assembler and make the flow chart of each and discuss the data structure of them.
4. (a) Explain macro call within a macro.
- (b) Differentiate between system software and Application software.
5. Discuss the design of macroprocessor and make their flowcharts.
6. Discuss the various phases of compiler design.
7. (a) Discuss the various phases of assembler design.
- (b) Write a note on loader.
8. (a) Differentiate between compiler, assembler and interpreter.
- (b) Write a note on macro instruction defining macro.

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