Paper ID [B0220]

(Please fill this Paper ID in OMR Sheet)

BCA (Sem. - 5th)
SYSTEM SOFTWARE (BC - 502)

Time : 03 Hours   **Maximum Marks : 60**

Instruction to Candidates:

1) Section - A is **Compulsory**.

2) Attempt any **Four** questions from Section - B.

Section - A

Q1)   *(10 × 2 = 20)*

a) What is vi editor?

b) Differentiate between single pass and two pass assembler.

c) In a two pass direct linking loader, what is the function of pass 1?

d) Define Ambiguity.

e) State the utilities of macro?

f) Give the functions of DBMS.

g) What are the functions of macroprocessor?

h) What do you mean by Linkage editor?

i) State some features of macro facility.

j) What is a syntax error?

Section - B

Q2) What are the different phases of compiler? Explain with example.

Q3) Write short notes on the following:
   (a) Line editors
   (b) Debuggers

Q4) Explain all the elements of assembly language programming with examples.

Q5) What do you mean by O.S.? Explain the various O.S. used in detail.

Q6) Explain with examples, the various techniques used for debugging?

Q7) Describe the working of two-pass macroprocessor.

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