

Roll No _____

Examination May-2014

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BCA

SYSTEM SOFTWARE

Subject Code: BC-502(N2)

Paper ID: B 0220

Time :03 Hrs

Maximum Marks : 60

Instruction to Candidates :

- 1) Section A is Compulsory
- 2) Attempt any four questions from Section B

Section A

Q1.

(10 x 2 = 20)

- 1) How assembly Language is different from machine language?
- 2) What is macro expansion ? explain with example?
- 3) What is Compiler?
- 4) Define the user's address space?
- 5) What is intermediate code generation?
- 6) What is a multipass assembler?
- 7) What is difference between lexical and syntax analysis?
- 8) Define DBMS, what are various functions of DBMS?
- 9) What is the use of Linkage editor?
- 10) Explain the structure of text editor?

Section B

(4 X 10 = 40)

- Q2. Discuss the working of Assembler? What is the difference between one pass and two pass assembler?
- Q3. Describe the input and output of the macro processor. Explain features of macro facility.
- Q4. Explain the structure of compiler? What is the need of compiler in computer programming.
- Q5. Write is Linking and Loading? what are the various loading schemes with their advantages and disadvantages.
- Q6. What is paging, memory management technique? How it is different from segmentation?
- Q7. What are the functions of Operating System? Explain the structure and functions of Text Editors.

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