

(i) Printed Pages : 3

Roll No.

(ii) Questions : 9 Sub. Code :

1	7	9	1	3
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Exam. Code :

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Bachelor of Computer Applications 1st Semester
(2124)

**COMPUTER FUNDAMENTALS AND COMPUTING
SOFTWARE**

Paper : BCA - 16-103

Time Allowed : Three Hours] [Maximum Marks : 65

Note :— Attempt **five** questions in all, selecting **one** question from each of the Units I, II, III and IV and the compulsory question number 9.

UNIT—I

1. (a) What is Computer system ? Classify computers on the basis of size and generations. 7
(b) What do you mean by memory organization ? Explicitly explain RAM, ROM, CDs and DVD. 6
2. (a) Explain computer organization alongwith any two input devices. 7
(b) Draw difference between :
 - (i) System and application software.
 - (ii) Compilers and Assemblers. 6

UNIT—II

3. (a) What is operating system ? Explain its various functions alongwith warm and cold booting in detail. 7
- (b) Exemplify any five internal commands of DOS. 6
4. (a) Explain the salient features of DOS alongwith its any five external commands through examples. 7
- (b) What is Windows operating system ? Explain any of its four folders in detail. 6

UNIT—III

5. (a) What is Style ? How are various styles used and modified in word processing ? Exemplify. 7
- (b) Exemplify Auto Correct, Auto Text, Spelling and Grammar commands in detail. 6
6. (a) What is Template ? How is it created, edited ? Exemplify the process of organizing templates in detail. 7
- (b) What is formatting ? Also explain formatting paragraphs, formatting characters and Auto Formatting features. 6

UNIT—IV

7. (a) What is spreadsheet ? Explain the process of freezing rows and columns, splitting screen and inserting new sheets. 7
- (b) How are presentations created ? Exemplify by incorporating animation in your presentation. 6

8. (a) What are graphs and charts ? Exemplify creating embedded charts, changing chart types and printing charts. 7
- (b) What is Macro ? How are they created, recorded, edited and executed ? Explain. 6

(Compulsory)

9. Explain :

- (a) Printers. 3
- (b) Generation of Programming Languages. 2
- (c) Batch Files. 2
- (d) CONFIG.SYS. 2
- (e) Headers and Footers. 2
- (f) Creating fill-in forms. 2