

12. (a) What is Database Management System? Explain the characteristics of DBMS. 7.5

(b) Write down the advantages and disadvantages of flow-chart. 7.5

13. Write a short note on the following:
3×5=15

(a) Machine Language

(b) Icons

(c) Paintbrush

(d) PROM

(e) CD and DVD

A
(21222)
B.C.A.-I Sem.

(Printed Pages 4)
Roll No.

18001

B.C.A. Examination, Dec.-2022

**Computer Fundamental and
Office Automation**

(BCA-103)

Time : Three Hours]

[Maximum Marks : 75

Note : Attempt questions from **all** sections as per instructions.

Section-A

(Very Short Answer Questions)

Note : Attempt **all** questions. Each question carries **03** marks. Very short answer is required. 3×5=15

1. Explain any five output devices with their uses. 3

2. Differentiate among the GUI and CUI. 3

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3. What is batch file? Write steps to create a batch file. 3
4. What do you mean by editors? 3
5. Draw a flow-chart to find-out greatest no. among the three numbers. 3

Section-B

Note : Attempt any **two** questions Each question carries **7.5** marks.

$$7.5 \times 2 = 15$$

6. What is Operating System? Explain its types in detail. 7.5
7. Explain the following: 3×2.5=7.5
 - (a) Compiler
 - (b) Interpreter
 - (c) Assembler
8. Convert the following: 1.5×5=7.5
 - (a) $(12124)_8 = (?)_{16}$
 - (b) $(1010110.11)_2 = (?)_{10}$
 - (c) $(10011010)_2 + (110010)_2$
 - (d) $(1010110.11)_2 * (1110)_2$
 - (e) $(ABE5)_{16} = (?)_{10}$

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Section-C

(Detailed Answer Questions)

Note : Attempt any **three** questions. Each question carries **15** marks. $15 \times 3 = 45$

9. (a) Explain the characteristics and components of computer in detail. 7.5
- (b) Explain any five internal and five external commands of MS-DOS. 7.5
10. (a) What is MS-Windows? Explain the features of MS-Windows. 7.5
- (b) What is difference between control panel and taskbar. 7.5
11. (a) What is MS-Word? How can we create a document in word? Write steps to create a document in word. 7.5
- (b) What is MS-Access? Give the steps to create a new table in MS-Access.

7.5

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