



DCCA – 101

I Semester B.C.A. Degree Examination, May/June 2022

(NEP Scheme)

COMPUTER APPLICATION

CAC 01 : Fundamentals of Computers

Time : 2½ Hours

Max. Marks : 60

Instruction : Answer all the Sections.

SECTION – A

I. Answer **any 6** questions, **each** question carries **2** marks. **(6×2=12)**

1. Mention any two characteristics of computer.
2. What is system software ? Give an example.
3. What is microcomputer ?
4. Define operating system.
5. What is application programs ?
6. What is DBMS ?
7. Write any two applications of database.
8. What is web browser ?
9. What is Logical address ?

SECTION – B

II. Answer **any 4** questions, **each** question carries **6** marks. **(4×6=24)**

10. Explain about the basic organization of a digital computer with a neat diagram.
11. Explain analog and digital computers.
12. Explain how a CPU and memory works.
13. Explain any two types of operating systems.
14. Explain DML commands with example.
15. What is HTML ? Explain the basic tags of HTML with syntax and an example.

P.T.O.



SECTION – C

- III. Answer **any 3** questions, **each** question carries **8** marks. (3×8=24)
16. a) Explain about the different symbols used in flowchart. 4
 b) Convert $(BCA)_{16} = ()_2, ()_8$. 4
17. a) Explain any two input devices. 4
 b) Explain any two output devices. 4
18. a) Write a note on mainframe computers. 4
 b) Explain any four functions of operating system. 4
19. a) Write a note on booting. 4
 b) Explain any four basic UNIX commands. 4
20. a) Write a note on database users. 4
 b) Explain the features of Internet. 4
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