I Semester B.C.A. Degree Examination, December 2024/January 2025
(NEP Scheme) (Repeaters)
COMPUTER APPLICATIONS
CAC01 : 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) Define Computer.

2) What is Translator ?

3) What is Microcomputer ?

4) Define operating system. Give an example.

5) What is application program ?

6) Define Database.

7) What is DDL ?

8) Write any two applications of internet.

9) What is http ?

SECTION – B

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

10) Explain types of software.

11) Convert hexadecimal to octal number system
   a) D32CA
   b) 504CD.

12) Explain super computers.

13) Explain basic Unix commands with example.

14) Explain DML commands with example.

15) Explain physical address and logical address.

SECTION – C

III. Answer **any 3** questions. **Each** question carries **8** marks.   (3×8=24)

16) a) Explain components of computer.   4

   b) Explain Assembly language.   4

17) a) Write a algorithm and flow chart to find the area of a triangle.   4

   b) Explain input and output device.   4

18) a) Explain functions of Operating systems.   4

   b) Explain Secondary memory.   4

19) a) Explain Real time operating system.   4

   b) Write a note on Unix Operating System.   4

20) a) Explain the roles and responsibility of DBA.   4

   b) Write a note on Internet and its functions.   4

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