DCCA-101

I Semester B.C.A. Degree Examination, December/January - 2025/26
(NEP Scheme Repeaters)
COMPUTER APPLICATIONS
Fundamentals of Computers
Paper - CAC01

NEW HORIZON COLLEGE
LIBRARY
KASTURINAGAR
BANGALORE-43

Time : 2½ Hours **Maximum Marks : 60**

***Instructions*:**

Answer all the Sections.

SECTION - A

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

1. Define Computer.
2. What is a Byte?
3. List the components of Computer.
4. What is Operating System?
5. What is Microkernel?
6. Mention any two Internal Commands in UNIX.
7. What is Database Management System?
8. What is URL?
9. What is a Web Browser?

SECTION - B

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

10. Briefly discuss the history of Computer.
11. Convert the following Decimal number to Hexadecimal number.
    a) 2316
    b) 125

[P.T.O.

12. Explain any two Output Devices.

13. Explain the features of UNIX.

14. Write a note on different types of Database Languages.

15. Explain Logical and Physical addresses.

SECTION - C

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

16. Discuss the following:
    a) Machine level language
    b) Assembly language. **(4+4)**

17. a) Explain any two Input devices. **(4)**
    b) Explain any two storage units. **(4)**

18. a) Write a note on Multitasking operating system. **(4)**
    b) Write a note on Microcontroller. **(4)**

19. Explain database users in DBMS. **(8)**

20. Write a note on HTML Document structure with example. **(8)**