

TB221550V

Reg. No :

Name :

BCA DEGREE (C.B.C.S.) EXAMINATION, NOVEMBER 2022

**(2022 Admissions (regular) 2021 Admissions (Improvement / Supplementary), 2020, 2019, 2018, Admissions
Supplementary)**

SEMESTER I - COMPLEMENTARY COURSE 1 (CLOUD TECHNOLOGY AND INFORMATION SECURITY MANAGEMENT)

BCA1B01B18 - COMPUTER FUNDAMENTALS & ORGANIZATION

Time : 3 Hours

Maximum Marks : 80

Part A

I. Answer any Ten questions. Each question carries 2 marks

(10x2=20)

1. Differentiate between VLSI and ULSI.
2. Identify few applications of computers.
3. Differentiate between RAM and ROM.
4. Distinguish between track and sector of a disk.
5. Illustrate program counter.
6. Differentiate between compiler and interpreter.
7. Covert decimal number 26 to binary, octal and hexadecimal.
8. Define assembler.
9. Identify the purpose of title bar.
10. Explain how a table is created in MS word.
11. Explain multi-casting.
12. Illustrate DNS.

Part B

II. Answer any Six questions. Each question carries 5 marks

(6x5=30)

13. Explain applications of computers in health care.
14. Discuss on applications of computers in health care.
15. Discuss on cache memory.
16. Discuss the classification of memory based on access method.
17. Describe the shortcut methods for binary to octal and hexadecimal conversion with examples.
18. Describe octal number system. Illustrate conversion from octal to decimal.
19. Discuss on text formatting. Explain How it can be performed with MS Word.
20. Explain the various transmission techniques.
21. Discuss on web browsers. List few examples.

Part C

III. Answer any Two questions. Each question carries 15 marks

(2x15=30)

22. Explain the features of different generations of computers.
23. Explain the various input output modules.
24. Explain the different types of computer languages. Mention their advantages and disadvantages.
25. Explain email and its working. Recognize the types of email servers.