K22U 3455

Reg. No. : .....

Name : .....

I Semester B.Sc. Degree (C.B.C.S.S. – O.B.E. – Regular/Supplementary/ Improvement) Examination, November 2022
(2020 Admission Onwards)
Complementary Elective Course in Life Sciences (Zoology) and Computational Biology
1C01 CSC-ZCB : INTRODUCTION TO COMPUTERS NETWORKS AND PROGRAMMING

Time : 3 Hours Max. Marks : 32

PART – A

Answer **all** questions in **2** or **3** sentences. **Each** question carries **1** mark. **(5×1=5)**

1. What are the different types of memory ?
2. Define system bus.
3. Which network topology requires a central controller or hub ?
4. Define freeware.
5. Define compiler.

PART – B

Answer **any 4** questions. **Each** question carries **2** marks. **(4×2=8)**

6. Differentiate between BIOS and CMOS.
7. Write a note on network security.
8. Explain benefits of networks.
9. Explain operating system.
10. Explain flowchart and algorithm.
11. Explain any two types of computer languages.

P.T.O.

PART – C

Answer **any 3** questions. **Each** question carries **3** marks. **(3×3=9)**

12. Describe about the functions of processor.
13. Explain Firewalls.
14. Describe system software and application software.
15. Explain software acquisition.
16. Differentiate between interpreter, linker and loader.

PART – D

Answer **any 2** questions. **Each** question carries **5** marks. **(2×5=10)**

17. Differentiate between RAM and ROM.
18. Describe the concepts of CPU, ALU, registers, control unit, and system bus.
19. Describe the generations in mobile communication.
20. Explain Compiler, Assembler, Interpreter, linker and loader.

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