K21U 6839

Reg. No. : ....

Name : ....

I Semester B.Sc. Degree (C.B.C.S.S. – O.B.E. – Regular/Supplementary/ Improvement) Examination, November 2021
(2020 Admission Onwards)
COMPLEMENTARY ELECTIVE COURSE IN LIFE SCIENCES (ZOOLOGY) AND COMPUTATIONAL BIOLOGY
1C01CSC – ZCB : Introduction to Computers, Networks and Programming

Time : 3 Hours

Max. Marks : 32

PART – A
(Short Answer)

Answer **all** questions :

(5×1=5)

1. What is ROM ?

2. What is LAN ?

3. What is open-source software ?

4. Distinguish between assembler and compiler.

5. List any four secondary storage devices.

PART – B
(Short Essay)

Answer **any 4** questions :

(4×2=8)

6. What are the two types of memory used by the computer ?

7. What is BIOS ?

8. What is shareware ?

P.T.O.

9. List any two network topologies.

10. Why do you need HLL ?

11. What are the characteristics of main memory ?

PART – C

(Essay)

Answer **any 3** questions :

(3×3=9)

12. Write short notes on MAN.

13. Distinguish between primary and secondary memory.

14. What are the functions of a control unit ?

15. With a neat diagram, explain star topology.

16. Write an algorithm to swap two numbers without using additional variables.

PART – D

(Long Essay)

Answer **any 2** questions :

(2×5=10)

17. Explain in detail, various functions of a processor.

18. What is Computer Network ? Explain its types.

19. Compare and contrast system software and application software.

20. What is a flowchart ? Explain various notions used in flowchart. Draw a flowchart to implement a simple calculator.

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