



K24U 0550

Reg. No. :

Name :

First Semester B.Sc. Artificial Intelligence and Machine Learning Degree
(C.B.C.S.S. – OBE – Regular – 2023 Admission) Examination, November 2023
Core Course

1B01 : AIML – INTRODUCTION TO COMPUTER SCIENCE

Time : 3 Hours

Max. Marks : 40



Answer **all** questions. **Each** question carries 1 mark.

(6×1=6)

1. What is RAM ?
2. One byte is _____ bits.
3. What is 2's complement of 1100011 ?
4. What is ASCII ?
5. Mention any one example of procedural programming language.
6. What is ICT ?



Answer **any six** questions. **Each** question carries 2 marks.

(6×2=12)

7. What is the difference between PROM and EPROM ?
8. Explain control unit in CPU.
9. Add binary 1100 and 0011.
10. What do you mean by algorithm ?
11. What is object-oriented programming ?

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12. What is meant by iteration in algorithms ?
13. Explain computer virus.
14. Differentiate website and webpage.

PART – C
(Essay)

Answer **any four** questions. **Each** question carries **3** marks.

(4×3=12)

15. Explain CPU.
16. Explain any three types of Software.
17. Explain Excess-3 and GRAY codes.
18. Explain assembler and linker.
19. Explain any three structural components of WWW.
20. Explain cyber law and its importance.

PART – D
(Long Essay)

Answer **any two** questions. **Each** question carries **5** marks.

(2×5=10)

21. Discuss on various computer secondary storage devices.
 22. Discuss about various number systems with example.
 23. Compare data types 1's complement and 2's complement.
 24. Discuss on various types of websites.
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