

19U222

(Pages: 2)

Name :

Reg.No :

SECOND SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2020

(CBCSS - UG)

CC19U CS2 C02 : FUNDAMENTALS OF SYSTEM SOFTWARE NETWORKS & DBMS

(Computer Science - Complementary)

(2019 Admission - Regular)

Time: 2.00 Hrs

Max. Marks: 60

Credit: 2

(Draw diagram wherever necessary. The students can answer all questions in sections A & B)

A. Short answer questions. Each question carries 2 marks.

1. What do you understand by Machine languages?
2. Define Operating System. Give any two examples.
3. What are the types of Real time systems?
4. What is the difference between guided and unguided media ?
5. Define database schema.
6. Define record based model.
7. Define object relational data model.
8. What is the purpose of PRIMARY KEY?
9. What is the purpose of DROP command?
10. Which operator is used in query for pattern matching?
11. Define the terms hypermedia and hypertext.
12. What are the different heading tags in HTML?

(Ceiling: 20 Marks)

B. Short essay questions (Paragraph). Each question carries 5 marks.

13. What do you mean by application software? Briefly explain with suitable examples.
14. Compare and contrast compilers and interpreters.
15. Write a short note about the features of LAN, WAN and MAN.

16. What are the different layers of TCP/IP model ? Explain the functions of each layer.
17. Write a note on applications of a database.
18. Describe Database Languages DDL and DML and DCL with example.
19. Write an HTML code that will display a table of students name, roll number, total mark.

(Ceiling: 30 Marks)

C. Essay questions. Answer any one question.

20. Explain the advantages and disadvantages of using computer networks in detail
21. What are different list tags available in HTML? Explain with examples.

(1 × 10 = 10 Marks)
