19U235S (Pages: 2) Name……

Reg. No……

SECOND SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2020

(CUCBCSS – UG)

(Supplementary/Improvement)

CC17U CSC2 C02 – FUNDAMENTALS OF SYSTEM SOFTWARE NETWORKS & DBMS

(Computer Science - Complimentary Course)

(2017, 2018 Admissions)

Time: Three Hours Maximum: 64 Marks

PART A

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

1. Physical component of a computer is called ----------
2. Routing decision is made by ---------- layer.
3. The HTML tag for the largest heading is ----------
4. The collection of information stored in a database at a particular moment is ----------
5. Define web browser.
6. ALTER command is an example for ----------
7. Tag which do not have a closing tag
8. ---------- identifies the table of data uniquely.
9. ---------- is a collection of programs that enables users to create and maintain a database.

(9 x 1 = 9 Marks)

PART B

Answer ***all*** questions. Each question carries 2 marks.

10. Define computer network. What are the types?
11. Explain Delete command with an example.
12. What is normalization? Why do we need normalization?
13. What do you mean by application software and system software?
14. What is the purpose of <B> tag and <I> tag in HTML?

(5 x 2 = 10 Marks)

PART C

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

15. Compare multiprogramming OS and batch processing OS with its merits and demerits.
16. Explain Star and mesh topologies.

17. Describe TCP/IP reference mode.
18. Differentiate between guided and unguided media. Explain twisted pair with its advantages and disadvantages.
19. What is language processor? Describe various types of language processor.
20. Briefly explain relational model.
21. Explain various lists in HTML with example.
22. Explain CREATE and INSERT Statements with example.

(5 x 5 = 25 Marks)

PART D

Answer ***any two*** questions. Each question carries 10 marks.

23. What is operating system? Describe various functions of opiating system.
24. Create a web page for your department; use as many features as possible.
25. Describe ISO /OSI reference model. Compare the model with TCP/IP.

(2 x 10 = 20 Marks)

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