Second year higher secondary examination

Part III

Subject :Computer Science

Max score :60 Time :2Hours

Answer any five questions from 1 to 9 each carries 1 score (5x1=5 score)

1. In C++, the _____keyword is used to define a structure.

2. Name the principle followed in stack

3. A link to a particular section of the same document is known as _____

4. For hosting server space is available in_____and _____ operating system

5. The number of rows in a relation is called_____

6. Give an example of CSC

Answer any 9 questions from 7 to 18. Each carries 2 score (9 x2 =18 score)

7. Define structure with an example

8 . Write an algorithm for pop operation

9. Write short note on linked list

10 .Differentiate between container tag and empty tag

11.Write a short note on ordered list

12 . What are the different control statements in JavaScript

13.Explain different types of web hosting

14.What is responsive web design mention any two advantages

15.Difference between primary key and unique constraint in SQL

16.Explain the four DML commands in SQL 17.What is cloud computing

18.Compare serial and parallel computing

Answer any 9 questions from 19 to 29. Each carries tree scope(9x3=27 score)

19. What is meant by memory leak? How can we avoid this?

20.Explain any 3 concepts of oop.

21.Differentiate static and dynamic webpage?

22.List any 3 values provided to type attribute of <INPUT> tag and specify the use of each.

23.Write the use of <TABLE>,<TD> and <TD> tags.

24.Explain any 3 Javascript functions.

25.How to include an external javascript file in HTML.Write the advantages of using an external javascript file.

26.Explain different data independence in DBMS

27. Explain the features of SQL.

28. Explain any 3 data types in PHP.

29.List Cyber crimes against individuals?

Answer any two questions from 30 to 32.Each carries 5 score.(2×5=10 score).

30.a.)HTML stand for ..... (1)

b.)Which tag is used to insert comments

in HTML.(1)

c.List out the different attributes of < FONT> tag? (3)

31. Explain the following Relational Algebra operations.

a.)Select

b.)Project

c.)Union

d.)Set Difference

32.a)What are the types of interactions in e-governance?

b)Compare e- commerce and e- business