

Question paper

Second year Higher Secondary examination

Part 3

Subject: computer science

Max score : 60

Time :2 Hrs

Answer any five questions from 1 to 6 each carries 1 score

- 1.Name the operator which is used to return address of a variable.
2. Name the pointer that points to the first node in the Linked list.
3. ----- is an example for e-Learning tool.
4. No <body> tag is needed while using <frameset> tag.

Say true or false.

- 5.----- is an example for CMS software.
- 6.Rows in a relation is also known as-----.

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

7. Define self referential structure.
8. Write an algorithm to delete an element in the queue.
9. What is the data structure?
- 10.What is web server?
- 11.Explain the attributes of <T H> and <TD> tags.
12. Classify the following values in JavaScript into suitable data types
"Welcome", 67.4,"true", false
13. Explain use of FTP client software.
- 14.Explain any two types of web hosting.
15. Explain any two column constraints.
- 16.a.Name the keyword used with select command to avoid duplication in the values of a column.

b. What is the essential keyword for select query.

17. Explain cloud computing.

18. What is ANN?

Answer any nine questions from 19 to 29 each carries 3 scores (9*3=27)

19. Identify and correct the following code

structure

```
{
```

```
int roll. no;
```

```
int mark=20;
```

```
char name[20]
```

```
}S
```

20. Define inheritance and name any two types of inheritance.

21. Explain any three text formatting tags.

22. Write HTML code to create a table as shown below

| | | |
|----------|---------|----------|
| 2021 | Science | Commerce |
| Plus one | 165 | 58 |
| Plus two | 150 | 60 |

23. What is URL in HTML

Mention two types of linking in HTML

24. Explain the following built in functions

A. isNaN()

B. alert()

C. charAt()

25. What is the use of <script> tag? Explain the attributes of <script> tag

26. Explain different users of DBMS

27. What are the components of SQL?

28. Difference between GET and POST method

29. Short notes on 1. copyright 2. Patent 3. IPR

Answer any two questions from 30 to 32. Each carries five scores (2*5=10)

30.a. What is the difference between <P> tag and
 tag. (2)

b. Categorize the following into different scripting languages.(2)

JavaScript, PHP, VBscript, ASP

c. The tag used to display a scrolling text in web page is.....(1)

31.a. List various Cyber crimes against individuals. (3)

b. What is cyber ethics (2)

32. a..List any four advantages of DBMS.(2)

b. Explain any two fundamental operations in relational algebra (3)

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