

SECOND YEAR HIGHER SECONDARY MODEL QUESTION PAPER

COMPUTER SCIENCE

PART A

Answer Any 5 Questions From 1 to 6. Each carries 1 score

1. _____ operator is used for dynamic memory allocation ?
2. Which Keyword is used to declare a variable in javascript
3. Structure of a database is known as _____
4. _____ is an extension to for loop in PHP
5. NLP stands for?
6. Give one example for education channel

Answer Any 9 Questions From 7 to 18. Each carries 2 score

7. How to avoid memory leak?
8. List any four operations on datastructure
9. Compare static webpage and dynamic webpage
10. Write any two attributes of <marquee>tag
11. What is the use of <embed>tag
12. Write HTML statement for the given output



13. Write the output of following java script code

```
var x="computer",y;  
y=x.charAt(3);  
document.write(y);
```

14. Write short note on string concatenation operator
15. What is CMS ?
16. How to create views in SQL
17. Compare echo and print() in PHP
18. List any four cyber crimes against individuals

Answer Any 9 Questions From 19 to 29. Each carries 3 score

19. Compare Arrays and structures
20. Write short note on :
 - a. Inheritance
 - b. Polymorphism
 - c. Data Abstraction
21. Write an algorithm to perform push operation in a stack
22. Compare client side script with server side script
23. Briefly explain any 3 text formatting tags in HTML

24. Explain the different ways to add java script code in an HTML page
25. Briefly explain the different type of webhosting
26. Explain about different type of database abstraction
27. Briefly explain about cloud service models
28. Write the advantages of e-learning
29. Write the names of different types industrial property right.

Answer Any 2 Questions From 30 to 32. Each carries 5 score

30. a) List any four advantages of DBMS (2)
- b) Briefly explain the users of database (2)
- c) Define cardinality (1)

31. Consider the given table STUDENT

Adm_No	Name	Batch	Total
1001	Kumar	Science	100
1002	Salim	Computer Science	600
1003	Fida	Computer Science	530
1004	John	Commerce	150
1005	Raju	Humanities	330

- a) Write the query to set Adm_No as primary key
- b) Display the name, total having highest total mark
- c) Display the name and batch of all students in the descending order of Total
- d) Display the details of all computer science students
- e) Delete all students having total mark below 200

32. Write HTML code for creating the following form

Name

address

Sex Male Female

1. Menoop . T , HSST Computer Science (700647)
Tharakan HSS Angadippuram
9895141676
2. Roopesh I , HSST Computer Science (844457)
GHSS Mankada
9496346315
3. Rekha P M , HSST Computer Science (756671)
GHSS Muthuvallur
4. Abdul Naief C , HSST Computer Science (776127)
GMHSS Perinthalmanna
5. Aparna G , HSST Computer Science (768024)
GHSS Mankada Pallippuram
6. Jinimol Ninan , HSST(Jr) Computer Science (855615)
DUHSS Thootha
9400431631
7. Nancy Joseph , HSST(Jr) Computer Science (934258)
GGHSS Perinthalmanna