Qn. No.	Scoring Indicators	Split Score	Total Score
Answer any FIVE questions from 1 to 9			
1	struct	1	1
2	& or address of	1	1
3	(a) Polymorphism	1	1
4	(b) Queue	1	1
5	Start	1	1
6	Internal linking or Anchor tag or <A>	1	1
7	<SCRIPT>	1	1
8	var (Var can also be considered)	1	1
9	String concatenation or String addition or String joining/Combining	1	1
Answer any FOUR questions from 10 to 13			
10	Content Management System	1	1
11	Super key or Candidate key or Primary key	1	1
12	(d) three levels	1	1
13	$ (Dollar symbol)	1	1
Answer any TWO questions from 14 to 17			
14	Data is given importance, Provides modular programming, Can define abstract data types, Data hiding, Real life modelling *(any 2 valid points)*	1 1	2
15	Traversal, Searching, Sorting, Deletion, Sorting, Merging *(any two)*	1 + 1	2
16	Name of any 2 JavaScript built-in functions *(Case need not be considered)* Syntax or example or use of each	½ + ½ ½ + ½	2
17	Definition or explanation or example of cloud computing Any two advantages or any two models *(Explan./ diagramatic representation of 3 models can be given full score)*	1 ½ + ½	2
Answer any TWO questions from 18 to 20			
18	Definition or example of nested structure	2	2
19	Single level, Multi level, Hierarchical, Multiple, Hybrid *(Name or diagram of any four)*	4 x ½	2
20	Definition or explanation or illustration or diagram of stack underflow *(Empty status - 1 score, removal attempt - 1 score)*	1 + 1	2
Answer any THREE questions from 21 to 24			
21	POP algorithm - Underflow checking; Item removal; TOP decrementing	1 + 1 + 1	3
22	Any three valid points about static and dynamic web pages each	1 + 1 + 1	3
23	Concept of web hosting - 1 score, Shared web hosting - 2 score	1 + 2	3
24	Serial computing - Single processor, problem is divided ino discrete instructions, Sequential execution, One instruction at a time Parallel computing - Multiple processors, problem is divided ino discrete instructions, Simultaneous execution, More than one instruction at a time. *(Any three points from each)*	1+ 1 + 1	3

	Answer any TWO questions from 25 to 27		
25	onKeyDown - Occurs when the user is pressing a key on the keyboard	1½	3
	onKeyUp - Occurs when the user releases a key on the keyboard	1½	
26	SUM(), AVG(), COUNT(), MIN(), MAX() *(Any three)*	1½	3
	Use or Example for each	1½	
27	Any two valid points about cyber forensics	1½ + 1½	3
	Answer any THREE questions from 28 to 31		
28	(a) Using the delete operator. Or example showing the use of delete	2	4
	(b) Valid points related to memory leak	2	
29	(a) Any comparison point about CHAR and VARCHAR	1 + 1	4
	(b) PRIMARY KEY - Only one in a table; Cannot contain null value	1	
	UNIQUE - Can have more than one in a table; May contain null	1	
	(Any one point for each is enough) (Defn of each may be considered)		
30	(a) Any two valid points about echo() and print()	1 + 1	4
	(b) Integer, Float, Double, String, Boolean *(Any four)*	1 + 1	
31	(a) Concept of e-Governance	1	4
	(b) Any three benefits / Types of interactions	1 + 1 + 1	
	Answer any ONE questions from 32 to 33		
32	(a) Client- JavaScript; Server- PHP, ASP *(VBScript may be included in both)*	1 + 1	4
	(b) To inlcude audio - video files in web pages	2	
33	Biometrics, Robotics, Computer vision, Natural Language Processing, Automatic Speech Recognition, Optical Character Recognition and Handwritten Character Recognition, Bio-infomatics, Geographic Information System *(Any four)*	4 x ½	4
	One-line explanation for each	4 x ½	
	Answer any TWO questions from 34 to 36		
34	(a) Explanation or example for container and empty tags	2	6
	(b) Names of any 4 text formatting tags - ½ each	4 x ½	
	(c) To specify the file name or URL of the image or example	2	
35	(a) Proper use of <OL> (½ + ½) and <LI> tags	1 + 2	6
	(Only the structure of html code is correct- 1 score)		
	(b) Explanation or use of <TABLE> and its any two attributes	1 + 1 + 1	
36	(a) Any four advantages (points only) of DBMS	4 x ½	6
	(b) Defn of tuple and cardinality or example	1 + 1	
	(c) Select, Project, Union, Intersection, Set Difference, Cartesian Product		
	(any two)	2 x ½	
	Explanation or example for any two	2 x ½	
	Total Score	**90**	

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