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SECOND YEAR HIGHER SECONDARY EXAMINATION – MARCH 2019
SUBJECT : COMPUTER SCIENCE **CODE NO: SY 30**

Question No.	Sub Qns.	Answer Key/ Value Points	Split Score	Total Score
1		Data Encapsulation or Class or Object	1	1
2		Null or Null Pointer or void	1	1
3		Virtual Private Server	1	1
4		Cardinality	1	1
5		Associative Array	1	1
6		struct Time { int hour; int minute; int second; }; Or Any correct structure definition (keyword struct 1 Score, element declaration 1 Score)	2	2
7	(a)	20	1	2
	(b)	13	1	
8		Traversing, Searching, Inserting(Push), Deleting(Pop), Sorting and Merging (Any 4 operations)	4 x 1/2	2
9	(a)	<A> or Anchor tag or 	1	2
	(b)	<A> or Anchor tag or (Only mailto - 1/2 Score)	1	
10		Correct use of Action and Method (1 + 1) or Any valid example (2 Scores)	2	2

11	To add two numbers (addition/arithmetic operator) and to add two strings (String addition/concatenation operator) (1 + 1) or Any valid example (1 Score each)	2	2
12	function, value, n>0 OR n!=0, n%10 (Any Two - 1 Score each)	1 + 1	2
13	(NOT NULL, AUTO_INCREMENT, UNIQUE, PRIMARY KEY and DEFAULT) - Any two with explanation. (1 + 1) or (Only names - 1/2 Score each) NB: Not case sensitive	2	2
14	Integer, Float/Double, Boolean and String	4 x 1/2	2
15	GIS – Geographic Information System (Expansion – 1 Score, Example - 1 score) or Any valid explanation – 2 Scores	1 + 1	2
16	Correct definition of infringement Only example - 1 Score	2	2
17	Static and Dynamic with valid explanation - (1 1/2 + 1 1/2) or Only names – 1/2 Score each	3	3
18	Correct definition with example Only definition / classification - 2 Scores Only example – 1 Score	3	3
19	Correct algorithm or Program	3	3
20	Correct differentiation between Static and Dynamic web pages (Three points - 1 Score each)	3	3
21	Three ways (inside <BODY> tag, inside <HEAD>, External JavaScript file) with proper explanation. Only names – 1/2 Score each	1 + 1 + 1	3
22	Correct differentiation between Shared and Dedicated hosting.	3	3

23	Three levels (Physical, Logical, View) with explanation. Only names - $\frac{1}{2}$ Score each	1 + 1 + 1	3
24	Valid explanation of Union and Intersection with example. Or Correct example using sample tables – 3 Scores Only definition without example – 2 Scores	$1\frac{1}{2} + 1\frac{1}{2}$	3
25	Correct PHP code Structure of PHP program – 1 Score Looping statement – 1 Score Logic/syntax – 1 Score	3	3
26	Three cloud service models (SaaS, PaaS, IaaS) with valid explanation. Only names – $\frac{1}{2}$ Score each	1 + 1 + 1	3
27	Any three tools from (e-Book Reader, e-Text, Online chat, e-Content, Educational TV channels) with proper explanation. Only names - $\frac{1}{2}$ Score each	1 + 1 + 1	3
28	List the attributes (Any 5) of <BODY> tag with explanation - 1 Score each Only names of tag - $\frac{1}{2}$ Score each	5	5
29	Correct HTML code Structure - 1 Score Use of <TABLE> tag - 1 Score Use of <TR>, <TD>, <TH> - 2 Scores Spanning - 1 Score	5	5
30	(a) Correct SQL query statement (b) Correct SQL query statement (c) Correct SQL query statement (d) Correct SQL query statement (e) Correct SQL query statement Or Correct SQL command only - $\frac{1}{2}$ Score each	1 1 1 1 1	5
Total		60	60