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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		<pre>struct Time {     int hour;     int minute;     int second; };</pre> <p style="text-align: center;">Or</p> Any correct structure definition ( keyword <b>struct</b> 1 Score, element declaration 1 Score)	2	2
7	(a) (b)	20 13	1 1	2
8		Traversing, Searching, Inserting(Push), Deleting(Pop), Sorting and Merging (Any 4 operations)	4 x 1/2	2
9	(a)  (b)	<A> or Anchor tag or <A Href="http://www.dhsekerala.gov.in">  <A> or Anchor tag or <A Href="mailto:dhseexam@gmail.com"> (Only mailto - 1/2 Score)	1  1	2
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) (b) (c) (d) (e)	Correct SQL query statement Correct SQL query statement Correct SQL query statement Correct SQL query statement Correct SQL query statement Or Correct SQL command only - $\frac{1}{2}$ Score each	1 1 1 1 1	5
		<b>Total</b>	<b>60</b>	<b>60</b>

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5. Nishanth.N HSS Sreekrishnapur Palakkad Nishanth
6. BOBBY PUDUKADEN, ST THOMAS HSS THOPE, THRISSUR Bobby
7. SAIPRAKASH.S, St. Mary's HSS, Vettucaud, TUPM Saiprakash
8. Joe. I. George, MDSSHSS, Kottayam Joe
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