SECOND YEAR HIGHER SECONDARY EXAMINATION, MARCH 2017

(Scheme of Valuation)

Subject : Computer Science **Code No. 5019**

Qn. No.	Scoring Indicators	Split Score	Total Score
1	Definition of each Any three comparison points. One example each	1 + 1 3 x 1 ½ + ½	3
2	new	1	1
3	Variable declaration as char *month[ ] or char month[12][ ] Value setting as = {"Jan", "Feb", "Mar", "Apr" "May", "Jun", "Jul", "Aug", "Sep", " Oct", "Nov", "Dec"};	1 1	2
OR	Concept of nested structure and example OR The word nested structure Any related explanation	1 + 1 OR 1 1	
4	Data abstraction – Definition / Explanation / Example Data encapsulation – Definition / Explanation / Example	1½ 1½	3
5	FIFO	1	1
6	Concept / Figure of overflow and underflow	1 + 1	2
7	Correct steps or procedure or diagram of traversal in linked list The explanation of traversal operation Only the explanation of linked list	2 2 1	2
8	443 (Port number 80 of HTTP may also be considered)	1	1
9	JavaScript, VB Script Anyone with one-line explanation Concept of client side scripting	1 + 1 1 + 1 1	2
10	Structure tags of HTML code Use of Background attribute, <MARQUEE>, <ADDRESS> - *Any two*	2 ½ + ½	3
11	Internal linking	1	1
12	Structure tags of HTML code <FRAMESET>, <FRAMES>, Hyperlinks, List – Use of any three	2 1 +1 +1	5
OR	Structure tags of HTML code <FORM> Tag Any four input controls	2 1 4 x ½	
13	JavaScript engine / Browser / Name of any browser	1	1

14	alert(), inNaN(), toUpperCase(), toLowerCase(), charAt(), length, write(), Number() *(Name of any six or explanation of any three)* *(Upper / Lower cases need not be considered)*	6 x ½ (3x1)	3
15	Accessing two strings / Display of concatenated string Use of + operator for concatenation OR Illustration / explanation of + operator using strings	1 1 OR 2	2
16	VMware / Virtualbox / FreeVPS / Usermode Linux / Microsoft Hyper-V / Any relevant software	1	1
17	Selection of web hosting company Checking availability Providing WHOIS details Payment Storing the IP address in 'A record' *(Any two points from the above)*	1 1	2
18(a)	Any three advantages	3 x 1	3
18(b)	Any two column specification Proper data types for the columns OR Diagram of a table with two proper attributes Listing names of four attributes	½ + ½ ½ + ½ OR 2 4 x ½	2
19	DDL – Structure / Schema related operations DML – Content / data / record related operations One command form each category Full forms	1½ 1½ 1 + 1 1 + 1	5
20	False (True can be given credit since students may ignore quotes)	1	1
21	Apache / LAMP / WAMP / XAMPP	1	1
22	Null, Array, Object, Resource (Any 2 names) (Boolean and String may also be considered for 1 score)	1 + 1	2
23	Php structure <?php …. ?> Use of $_GET() and $_POST() OR HTML file containing <FORM> tag with Method attribute and specifying GET and POST as values Any two distinguishing points for GET and POST	1 1 + 1 OR 1½+1½ 1½+1½	3

OR	Function header / <?php and ?> Correct looping structure Body ($f *= $i;) *(Reduce ½ from the total score if $ symbol is missing)*	1 1 1	
24(a)	Name of any relevant OS	1	1
24(b)	Any one advantage / explanation of each	+1	3
25(a)	Victers		1
25(b)	Explanation about Industrial property right (P... Industrial design, Geographical Indication) and Co... *(Any three valid points from any of the rights given ...*	+1	3

1. JO...
2. TH...
3. BI... J, ALLAPPUZHA
4. P.S ... AM
5. THOMAS T PALAKADEN, ST. SEBASTIAN'S HSS, VAZHITHALA, THODUPUZHA 30/3/2017
6. BINU JOSEPH, ST. IGNATIUS HSS, KANJIRAMATTOM, ERNAKULAM
7. SUBHASH A PANIKULAM, ST ANTONY'S HSS, MALA, THRISSUR 30/03/2017
8. PRASANTH P.M., ST. JOSEPH'S BOYS' HSS, CALICUT
9. ABDUL JALEEL, MSM HSS, KALLINGALPARAMBA, MALAPPURAM
10. SUNNY THOMAS, MATTANNUR HSS, MATTANNUR, KANNUR
11. GOPI M., CHATTANCHAL HSS, THEKKIL, KASARGODE