

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 $\frac{1}{2} + \frac{1}{2}$	3
2	new	1	1
3	Variable declaration as <code>char *month[]</code> or <code>char month[12][]</code> Value setting as <code>= { "Jan", "Feb", "Mar", "Apr", "May", "Jun", "Jul", "Aug", "Sep", "Oct", "Nov", "Dec" };</code>	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> - <i>Any two</i>	2 $\frac{1}{2} + \frac{1}{2}$	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 $\frac{1}{2}$	
13	JavaScript engine / Browser / Name of any browser	1	1

14	alert(), isNaN(), 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 / <code><?php</code> and <code>?></code> Correct looping structure Body (<code>\$f *= \$i;</code>) (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+1+1	3
25(a)	Victers	1	1
25(b)	Explanation about Industrial property right (Patent, Trademark, Industrial design, Geographical Indication) and Copyright (Any three valid points from any of the rights given above)	1+1+1	3

1. JOY JOHN, ST. JOSEPH'S HSS, TRIVANDRUM

2. THARIAN KUNJU, S.M. HSS, PATHARAM, KOLLAM

3. BINU. K. SAMUEL, POPE PIOUS XI HSS, BHARANIKKAVU, ALLAPPUZHA

4. P.S. JAIMON, C.KESAVAN MHSS, KORUTHODE, KOTTAYAM

5. THOMAS T PALAKADEN, ST. SEBASTIAN'S HSS, VAZHITHALA, THODUPUZHA

6. BINU JOSEPH, ST. IGNATIUS HSS, KANJIRAMATTOM, ERNAKULAM

7. SUBHASH A PANIKULAM, ST ANTONY'S HSS, MALA, THRISSUR

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