FIRST YEAR HIGHER SECONDARY EXAMINATION, MARCH 2017
(Scheme of Valuation)

Subject : Computer Application (Commerce) **Code No. 652**

Qn. No.	Scoring Indicators	Split Score	Total Score
1	c) information	1	1
2	b) Universal Serial Bus	1	1
3	Translation / Compilation / Compiler / Interpreter / Assembler	1	1
4	c) Face book	1	1
5	Business Process Outsourcing	1	1
6	c) do while loop	1	1
7	Hyper Text Transfer Protocol	1	1
8	Integrated Development Environment	1	1
9	cin >> X >> Y;	1	1
10	Start and Stop	½ + ½	1
11	NIC / MODEM	1	1
12	One line definition / explanation for the terms hardware and software One example for each.	1 + 1 ½ + ½	3
13(a)	10.75 (Integer part – 1 score, Fractional part – 1 score (*If procedure is correct without final answer, give 1 score* only)	1 + 1	2
13(b)	$1E_{16}$, 20_{16}	½ + ½	1
14	a) 5 b) -1 (-1.66) c) -2 (Invalid) d) 2	½ x 4	2
OR 14	a) Assignment operation (50 is stored in Length). b) Comparison or equality operation (Length is equal to 50 or not).	1 1	2
15	Hard Disk, RAM, Cache, Registers (*Even though the answer is in descending order, give full score*) (*If the answer is partially correct, give 1 score*)	2	2
16	(i) Problem Identification, (ii) Algorithms & Flowcharts, (iii) Program coding, (iv) Translation (Compilation), (v) Debugging, (vi) Execution and (vii) Documentation. (*Give full score, if any 6 stages are written*)	½ x 6	3
17	a) Valid b) Valid c) Invalid (Space is used) d) Invalid (First character is a digit) (*If reason is not specified or incorrect, reduce ½ score from each invalid*)	1 + 1 1 + 1	4
18	Roll_Number: **int** Age: **int** Sex: **char** Mob_Number: **long int** / **double** Height_In_Cm : **float** Pincode: **int** / **long int** / **double**	½ x 6	3
19	a) False (Depends on problem and output). b) True c) False (Exit-controlled loop. / Condition is checked only after executing the loop body) d) True (*If reason is not specified or incorrect, reduce ½ score from each False case*)	1 1 1 1	4

20	a) Network protocol – http					1	3
	b) Domain name – dhsekerala.gov.in c) File name – index.html					1 + 1	
21	Any three value points related to WAN and LAN. Full forms and examples may be treated as value points.					1½ 1½	3
22	-3 (*If error is reported in the case of variables, give full score*) (*Give score accordingly for proper steps, if final answer is wrong.*)					3	3
OR 22	(a) Character constant 'M' is stored. (b) String constant. (*If (a) is written correctly, give 3 score since (b) is out of syllabus*)					1½ 1½	3
23	(i) Modem, (ii) Internet account from an ISP (iii) any other required component					1 + 1 1	3
24	Any three value points covering advantage and disadvantage.					1 x 3	3

25							

Feature	*DMP*	*Inkjet*	*Laser*	*Thermal*
Speed	Slowest (30 - 550 cps)	Fast (6 ppm)	Fastest (20 ppm)	150 mm per sec
Quality	Poor quality images	Good	Best	Poor quality images
Expense	Lesser maintenance cost	Ink is expensive	Device and Toner are expensive	Low cost

(*Give score with reference to this table*)   5   5

26	Program structure	1	5
	Variable declaration	1	
	Correct logic	2	
	Usage of Input Output statements	1	
OR 26	Program structure	1	5
	Variable declaration	1	
	Correct logic	2	
	Usage of Input Output statements	1	

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

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

3. SIBY VARGHESE, S C HSS, CHELLAKADU, PATHANMTHITTA

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

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

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

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

8. SHAJAN JOS N, ST JOSEPH'S HSS,PAVARATTY,THRISSUR

9. SIVARAMAKRISHNAN, NADUVANNUR HSS,VAKAYAD,KOZHIKKODE

10. ABDUL JALEEL, MSM HSS,KALLINGALPARAMBA,MALAPPURAM

11. JINO VARGHESE, SN HSS, POOTHADI, WAYANAD

12. SUNNY THOMAS, MATTANNUR HSS, MATTANNUR, KANNUR

13. GOPI M, CHATTANCHAL HSS,THEKKIL, KASARGODE