



Given 100 rupees

Item one 48 rupees

Item two 52 rupees

All correct 2 marks two answers correct 1 mark one correct ½ marks 2 marks

2. Answer the following questions

i. Zero (0) and One(1) 1 marks

ii.  $1111111_2 = 127_{10}$  2 marks

iii. 2 bytes 1 marks

iv.

a.  $1110001_2$  into decimal  $113_{10}$

b.  $FF_{16}$  into Octal Number system  $377_8$

c.  $756_8$  into decimal  $494_{10}$

d. 102 into binary 1100110

One mark for each 4 marks

v.  $\overline{(A.B).(B + \bar{C})}$  2 marks

3. Siripala runs a small scale book shop, He uses a computer to make his task easy.

i. Below is shown a work sheet prepared to print a bill using a MS Excel software.

	A	B	C	D	E
1	ITEM	UNIT PRICE	QUANTITY	TOTAL PRICE	DISCOUNT
2	Book	50	20		
3	Pens	10	5		
4	Pencils	10	3		
5	Erasers	8	2		
6	Pencil sharpners	10	3		
7	Rulars	50	2		
8					
9	Total				
10	Full Amount				

a.  $=B2*C2$  2 marks

b.  $=D2*5\%$  2 marks

c.  $=SUM(D2:D7)$   
 $=SUM(E2 : E7)$  1 mark for each 2 marks

d.  $=D9-E9$  2 marks

e. Method 1 Get cell pointer to D2 (the cell contain the formula)  
Click in fill handle and drag over the cell range D3 : D7  
OR

Method 1 Get cell pointer to D2 (the cell contain the formula)  
Click copy  
Select the range D3 : D7  
click paste any method 2 marks

4. Write the answers for the following questions.

i. Fast access speed, Supply power to device via USB connector, Plug and play facility, Hot pluggable and hot swappable , Multiple devices can be connected,  
 one mark for 2 point 2 marks

ii. Use less space, Low harmful radiation, low electricity consumption, low heat generation  
 Easy to handle as it is light weight, Sharp pictures  
 one mark for 2 point 2 marks

iii.

A		B	
P	A switch	T	is a cursor control device used in computer games and assistive technology
Q	Joy stick	U	computer software application, that performs the task of composing, editing, formatting, and printing of documents.
R	Hard Disk	V	device that connects devices together on a computer network by using packet switching to receive, process, and forward data to the destination device.
S	Word processing	W	fixed data storage device that uses magnetic storage to store and retrieve digital information using one or more rigid rapidly rotating disks platters coated with magnetic material.

1 ½ mark for 4 point

6 marks

5. Write the correct answers for the questions based on the article given here.

1. Center align, Left align one mark for 2 point 2 marks

2. Bold and Underlined one mark for 2 point 2 marks

3. Italic, Center aligned one mark for 2 point 2 marks

4. Shape or Text Box,Page Border  
one mark for 2 point 2 marks

5. Insert Picture 2 marks

6.

i. Hub or switch 2 marks

ii. Star Topology 2 marks

iii. LAN 2 marks

iv. Easy to share resources(hardware and software) , Easy to communicate, physical security is high, can be centralize controlled, Less storage space or any acceptable answer  
2 marks for each 4 marks

7. Write answers for the following questions.

i.

	First Generation	Second Generation
1.	Vacuum tubes were used as internal components.	Transistors were used as internal component.
2.	The sizes of computer were very huge called mainframes.	The sizes of computer were smaller than first generation & were called as mini computer.
3.	They were low speed computer	They were 10 times faster than first generation computer.
4.	Main memory was in the form of magnetic drum.	Main memory was in the form RAM and ROM.
5.	Punched card and magnetic tape was used.	Magnetic tape was used.
6.	Machine language was used.	Assembly language was used.

1 mark for any two

2 marks

ii. Processor type and Speed, RAM capacity, HDD Type and capacity, Monitor type OR any acceptable answer

½ mark for any four acceptable answer

2 marks

iii. Open source - The source code that anyone can inspect, modify, and enhance. Free to use and distribute

Commercial software -The source code cannot be changed by people, We have to buy or Need to pay for licence

2 marks

iv.

- The ability to use the learning units at any time and anywhere at school, at home or any other convenient place
- The ability to upload the assignments completed at home
- The ability to submit queries, getting replies and submitting comments through Forums

1 mark for any two acceptable answer

2 marks

v.

- Provided the information about government organizations and department.
- Payments of utility bills
- Renewal vehicle licence

1 mark for any two acceptable answer

2 marks

Second Term Test – Colombo Zone  
Information and communication Technology – Paper 1 Answer  
Grade 11

Second Term Test – Colombo Zone  
Information and communication Technology – Paper 1 Answer

Grade 10

No	Answer	No	Answer	No	Answer	No	Answer
1	2	11	1	21	1	31	2
2	4	12	3	22	4	32	1
3	4	13	4	23	3	33	4
4	2	14	3	24	2	34	1
5	4	15	4	25	3	35	3
6	1	16	2	26	1	36	2
7	4	17	1	27	3	37	1
8	3	18	4	28	2	38	2
9	4	19	3	29	2	39	2
10	3	20	4	30	2	40	4

No	Answer	No	Answer	No	Answer	No	Answer
1	2	11	3	21	1	31	2
2	3	12	2	22	4	32	1
3	2	13	3	23	3	33	4
4	3	14	2	24	3	34	3
5	3	15	2	25	2	35	4
6	1	16	4	26	1	36	3
7	1	17	3	27	2	37	3
8	2	18	3	28	3	38	2
9	4	19	2	29	3	39	4
10	3	20	2	30	3	40	3