



G.C.E. A/L Examination July - 2017

Conducted by Field Work Centre, Thondaimanaru
In Collaboration with
Provincial Department of Education Northern Province

Grade :- 12 (2019)

General Information Technology

Marking scheme

Part I

1.	a	11.	c	21.	a	31.	c
2.	d	12.	d	22.	b	32.	c
3.	b	13.	d	23.	c	33.	b
4.	d	14.	c	24.	b	34.	b
5.	c	15.	d	25.	d	35.	d
6.	c	16.	b	26.	c	36.	d
7.	c	17.	a	27.	b	37.	d
8.	b	18.	b	28.	a	38.	c
9.	d	19.	c	29.	a	39.	d
10.	d	20.	d	30.	a	40.	c

Part II

1)

a)

A	B	C	NOT B	A AND NOT B	A AND NOT B OR C	F
0	0	0	1	0	0	1
0	0	1	1	0	1	0
0	1	0	0	0	0	1
0	1	1	0	0	1	0
1	0	0	1	1	1	0
1	0	1	1	1	1	0
1	1	0	0	0	0	1
1	1	1	0	0	1	0

(Each row has 1 mark, total marks 8)

b) i) 101110 ii) 1001101 (Steps 1 mark, Answer ½ mark, 2 * 1 ½ = 3 marks)

c) i) 43 ii) 103 (Steps 1 ½ mark, Answer ½ mark, 2 * 2 = 4 marks)

2) a)

Device	Data can be changed (✓)	Data cannot be changed (✓)
Hard disk	✓	
ROM		✓
Pen drive	✓	
RAM	✓	
CD-RW	✓	

(5 marks)

b) i) Hardware :- CD-ROM drive, Central Processing Unit
 Software :- Internet browser, Spreadsheet, Anti virus (5 marks)

c) i) False ii) False iii) False iv) False v) True (5 marks)

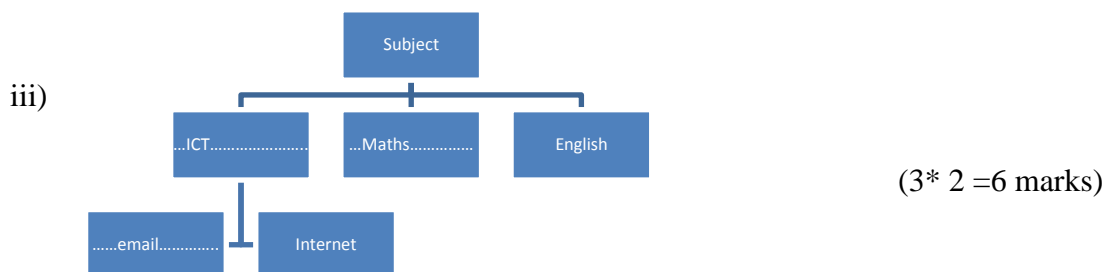
3) a) **Capacity of RAM, Speed of the processor,** (4*2 = 8 marks)

b) ALU, CU and Memory Registers (3 marks)

c) Hard Disk, Floppy Disk, Magnetic Tapes, Reels, Cassettes, Jaz or Zip Disk (4 marks)

4) i) Disk Cleanup, Disk Defragmentation, Anti Virus software, Backup software, Screen Servers (give marks for Suitable answers) (3 marks)

ii) Windows, Icons, Menu, Pointer (All are correct 6 marks, Three correct 5 marks, Two correct 4 marks, One Correct 2 marks)



- 5) i) 5 (1 mark) ii) 14 (1 mark) iii) 1 (1 mark)
 iv) 3 (1 mark) v) 15 (2 marks) vi) 10 (2 marks)
 vii) 19 (2 marks) viii) 9, 5 (3 mark) ix) 6 (2 marks)