Department of Education - Western Province
Year - End Evaluation - 2012
Grade 11
Information and Communication Technology - Answers

Paper I

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

Paper II

i. First Generation – Vacuum Tubes

Second Generation – Transistors

Third Generation – Integrated Circuits

Fourth Generation – Micro Processor

ii. $2\ KB = 2 \times 1024$ Bytes

$= 2 \times 8 \times 1024$ Bits

$= 4000_{16}$

16 | 16 x 1024

16 | 1024 - 0 ↑ $= 4000_{16}$

16 | 64 - 0

16 | 4 - 0

iii. CAD, CAM

iv. A) $X . X + X$

$X + X$

$\underline{X}$

b) $X . \overline{Y} + \overline{X} . \overline{Y}$

$X (\overline{Y} + \overline{Y})$

$X . \overline{1}$

$\underline{\overline{X}}$

v. Input - children garments

Process - quality–check and Labeling

Output - Labeled–Children garments

vi. Dots per inch

vii. Security, Control unauthorized accessing

viii. Begin

Input n

IF n mod 2 = *0* Then

Print "n Is an *even* number"

Else

Print "n Is an *Odd* number"

End if

End

ix. System Testing, Unit/Module Testing, User Acceptance Testing

x.

A	B
World's first computer network	Chat Groups
Service of Internet	Arpanet
Rules and regulations of Internet	HTML
Use for Web page Development	Protocol

2.
i. = C 3 – 35
ii. = B 3 * 2.5
iii. = D 3 * E 3
iv. = B 3 * C 3 + F 3
v. = IF (G 3 > 17500, G 3 x 2%, 0)
vi. = G 3 – H 3

3.
(1) Data duplication, Redundancy

(2) Maintain two tables as CD _ Store ad Use _ CD,

a. CD_Store table can maintain according to subject sort order and easy to f̶ necessary CD which we need.

b. Specify the table according to unique key field.

Field	Data Type	Field	Data Type
විෂය	Text	ලබාගත් දිනය	Date/T
විෂය කේතය	Text	ලබාගත් අයගේ ජා. හැ. අංකය	Text
විද්‍යුත් තැටි අංකය	Text	ආපසු බාර දියයුතු දිනය	Date/T
ලබාගත් අය	Text	ආපසු බාර දුන්	Yes/N

(3) CD_Number, No duplicated data

4.
(a) **Tags**

html documents are defined by html elements.

Content starts with a valid tag an terminated with valid corresponding tag

Attribute

Attributes provide additional information about elements.

(b) 1i. <P> Colombo is the largest of Sri Lanka

<p>

ii. Insert and image

iii. Places to visit in Sri Lanka
 or <h3> Places to visit in Sri L̶ </h3>

 Anuradhapura

 Galle

 Dambulla

(a) Begin

   Input n
   Total = 0
   S_count = 0

            While s_count < n
            Call the next students name
                  If students is present Then
                  Mark 1 front of the name
                  Total = Total + 1
                  Else
                  Mark 0 front of the name
                  End if
   S_count = S _count + 1
   End WHILE
Note down the total
End

(b)

i.   Grater than 10000
ii.   1000
iii. Rs. 15000
iv.   5