

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 x 1024 Bytes
 = 2 x 8 x 1024 Bits
 = 4000₁₆
- 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

$$\begin{array}{r}
 16 \overline{) 16 \times 1024} \\
 \underline{16 \overline{) 1024}} \quad - 0 \\
 \quad 16 \overline{) 64} \quad - 0 \\
 \quad \quad 16 \overline{) 4} \quad - 0 \\
 \quad \quad \quad \uparrow = 4000_{16}
 \end{array}$$

iii. CAD, CAM

iv. A) $X \cdot X + X$
 $X + X$
 $\underline{\underline{X}}$

b) $X \cdot \overline{Y} + \overline{X} \cdot \overline{Y}$
 $X(\overline{Y} + \overline{Y})$
 $X \cdot \overline{1}$
 $\underline{\underline{\overline{X}}}$

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 ($G^3 > 17500$, $G^3 * 2\%$, 0)
 vi. = $G^3 - H^3$

3. (1) Data duplication, Redundancy
 (2) Maintain two tables as CD _ Store and Use _ CD,
 a. CD_Store table can maintain according to subject sort order and easy to 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. නැ. අංකය	Text
විද්‍යුත් තැව් අංකය	Text	ආපසු බාර දියයුතු දිනය	Date/T
ලබාගත් අය	Text	ආපසු බාර දුන්	Yes/No

- (3) CD_Number, No duplicated data

4. (a) **Tags**
 html documents are defined by html elements.
 Content starts with a valid tag and terminated with valid corresponding tag

Attribute

Attributes provide additional information about elements.

- (b) i. `<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 Lanka </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

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