

Department of Education - Western Province

Year - End Evaluation - 2012

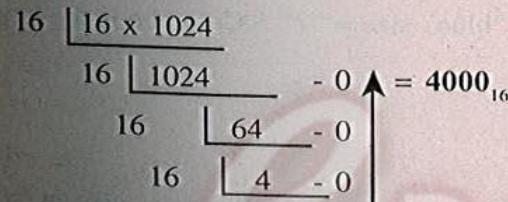
Grade 11

Information and Communication Technology - Answers

Paper I

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. $2 \text{ KB} = 2 \times 1024 \text{ Bytes}$
 $= 2 \times 8 \times 1024 \text{ Bits}$
 $= 4000_{16}$
- 16 
- iii. CAD, CAM
- iv. A) $X \cdot X + X$ b) $X \cdot \overline{Y} + \overline{X} \cdot \overline{Y}$
 $X + X$
 $\underline{\underline{X}}$
- v. Input - children garments
Process - quality-check and Labeling
Output - Labeled-Children garments
- vi. Dots per inch
- vii. Security, Control unauthorized accessing
- viii. Begin
 $\quad \quad \quad \text{Input } n$
 $\quad \quad \quad \text{IF } n \bmod 2 = 0 \text{ Then}$
 $\quad \quad \quad \text{Print "n Is an even number"}$
 $\quad \quad \quad \text{Else}$
 $\quad \quad \quad \text{Print "n Is an Odd number"}$
 $\quad \quad \quad \text{End if}$
 $\quad \quad \quad \text{End}$
- ix. System Testing, Unit/Module Testing, User Acceptance Testing

$\overline{\overline{X}}$

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 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 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/Time
විෂය කේතය	Text	ලබාගත් අයගේ ජා. හැ. අංකය	Text
විද්‍යුත් තැබී ඇති අංකය	Text	අංපැල බාර දියපුතු දිනය	Date/Time
ලබාගත් අය	Text	අංපැල 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