

# Grade 11 – 2<sup>nd</sup> term test 2018

## Answers ICT II

01. 2 marks for the part of the question.20 marks for the first question.

1. I. 010 101 011<sub>2</sub>.

II. AC<sub>16</sub>.

2. I. G<sub>2</sub>C, G<sub>2</sub>B, G<sub>2</sub>G, G<sub>2</sub>E

II. CAT, MRI, ECG, CSM ,EEG,.....

3.  $(A+B^1)^1 . (BC)$

4. A . doenets.lk

B . <http://www.edupub.lk>

C . 192.168.1.1

D . SMTP

5. Size, Pixel, Colour , Resolution

6. Service of infrastructure

Service of developing environment

Service of software

7. 1 - F,H

3 - C

2 - A,I

4 - J,H

8. 1,2,3,4,5,6,7,8,9,10

9.

A	B
Application Software	GIMP
Language Translators	Interpreter
Operating System	MAC
System development format	Iterative models

10. A- fuzzy tool - Selects areas on colour similarity

B – Crop - Crops or clips the image

C – Blend- fills the selected area with a gradient blend

D – Align - To align or arrange layers or objects

**10 marks for each question.**

02.

1. A – Hardware    B –System Software    C –Application Software

2. Backup Software - To copy files and take back up of hard drives

- Disk scanner - To check the errors in hard drive
- Disk defragmentation - Organizing the hard disk by rearranging clusters of small spaces together and creating a larger free space. This increases the efficiency of the hard disk.
- File/data compression - Compression of larger files into smaller files
- Task Manager - To display information regarding the processes and programmes in a computer and the general status of the computer
- System diagnosis tools - To monitor errors in hardware and software of a computer or network of computers and diagnosis of system errors.

Give marks according to the answers

03. Single user    - MS DOS

Multi users    - Linux , Wins

Multi tasking - MS Win XP ,MS Win 8 ,Win 10

Real time    - ATM,

04.

- Making new files and saving them at suitable places
- Deleting the unnecessary files
- Arranging the folders in order and deleting the unnecessary folders
- Renaming the files and folders
- Changing the storage location of files and folders
- Creating backups of the files and folders as needed

03. 1. Function – Sum , Cell 1- B2, Cell2 – E2

2. =Avarage(B2 :E2)

3. use fill handle to copy the formulas

(1).Select the cell which contains the formula

(2). Select the fill handle which is in bottom right corner of the cell

(3). Drag the fill handle to the necessary cell

or

(1). Select the cell which contains the formula

(2). Give Copy command (Ctrl + C)

(3). Select the cell range wants to copy

(4). Give Paste command (Ctrl + V)

4. Bar chart

04. Product – Product\_ID  
Customer – Customer\_ID

II. Customer\_ID – Sales table

III. Sales table QTY\_Sold

IV

Customer_ID	Product_ID	QTY_Sold
001	P001	2

05. 1 . Observations

Interviews

Questionnaires

Document sample collection

Prototyping

2 .Identification of software and software architectures

Designing user interface

Preparation of data storage

3. Give marks according to answers.

4. Give marks according to answers.

06.

1.

I. Showing HTML web page.

II. Converting the URL to IP address.

III. Delivering the request if IP address to web server.

IV. Transferring files.

2. I. Computer/Mobile phone

Web server

Modem/Router

ISP

II Twisted Pair

III Give marks according to the answer

07.

1. Begin

x=1

While x<100

Display x

x=x+2

End while

End

2. A -30000

D -30

B - No

E - D

C - Yes

F - Print FS