**ESTERN PROVINCE**

**GATSIBO DISTRICT**

**CLASS: S3 (ALL)**

**MARKING OF ICT EXAMINATION S3**

1. **Define the following ICT terms:(12marks)**
2. **Software license:**  is a legally binding agreement that specifies the terms of use for a software. It defines the rights of the software producer and that of the end user.
3. **Operating system:** Is a large and powerful program that controls and manages computer hardware and software.
4. **Table of content:** is piece of information used by readers to quickly find or locate what they are looking for in a book, magazine or any piece of literature.
5. **File system:** is method used by the OS to name, store and organize files on a storage medium/disk.
6. **Give any two examples mobile operating system runs on smartphones ( 4marks)**
* Android
* Apple iOS
* Blackberry
* Windows OS
* BADA
* Palm OS (Garnet OS)
* etc
1. **Discuss any six function of operating system( 12marks)**
* **Booting**: OS is responsible for completing booting process of the computer.
* The OS provides an appropriate user interface.
* OS manages resource allocation to various programs.
* Memory management.
* Manages user’s files.
* OS controls input / output peripherals.
* OS manages files.
* OS manages backup storage (secondary storage or auxiliary storage).
* OS manages security and access rights of computer users.
* OS handles errors as they happen.
1. **Give any two examples operating system runs on DESKTOP or laptop( 8marks)**
* Microsoft windows (Windows 10, Windows 8)
* Mac OS
* Chrome OS
* Linux (Ubuntu, Fedora)
* UNIX
* etc
1. **Identify the two procedures of protecting data in your computer( 4marks)**
* To set user names
* To install Antivirus Software
* To install Firewall.
* To install Anti-Spyware Software.
* To use Complex and Secure Passwords.
* To set parental control
* To create different user accounts
* etc
1. **Discuss any two uses of computer at school( 4marks)**
* Students are able to register for courses offered outside their country without having to travel abroad.
* Students are able to do a research through internet
* Teachers prepare notes using computers
* Students access e-library using computers
* **Online learning**, and it is done through the internet.
1. **What does downloading software mean? ( 4marks)**

Download software means the transfer/copy of a software through the Internet from the remote computer (server) to a local machine or computer.

1. **List down any four System requirements for installing software( 8marks)**
* Processor speed (The higher the speed the better)
* RAM size
* Hard disk space
* Graphics card
1. **Differentiate between system software and application software( 8marks)**

System software are software designed to manage computer resources and provide these resources to the user while Application software are programs that are designed to enable the user to accomplish a given task.

1. **Give any types of software according to the following: ( 8marks)**
2. **End user license**
* Open source software
* Proprietary software
1. **Function**
* System software
* Application software
1. **Give any four examples of software mostly installed into computer ( 8marks)**
* Ms word
* Windows 10 OS
* Ms Excel
* Ms office
* VLC media player
* Ms power point
* Karspesky
* Avast antivirus
* Mozila firefox
* Adobe (Acrobat) reader
* Nero burning software
* etc
1. **Write in full the following ICT abbreviation: ( 8marks)**
2. **CPU:** Central Processing Unit
3. **RAM:** Random Access Memory
4. **ROM:** Read Only Memory
5. **SMS:** Short Message Service
6. **Outline any four categories of system software( 8marks)**
* Operating system sw
* Utility software
* Programming language
* Networking software
1. **Give any four latest versions of Windows operating system ( 4marks)**
* Windows XP
* Windows 7 os
* Windows 8 os
* Windows 10 os
* Windows 11 os
1. **Highlight steps by steps of generating table of contents ( 4marks)**
* Click where you want to insert the Table of contents
* Click References tab
* Select Table of Contents,
* choose Automatic Table 1 style from the list