**Introduction to Computer Science**

**22.2 Faculty of Computing**

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**Tutorial Session 01**

**Answer all questions**

01**.** List down configurations of a computer by mentioning each part and expected configurations for each if it is going to be used only for study activities. Mention the brand, the model of each component, and the specification.

<http://cdepd.fhss.sjp.ac.lk/student-corner/computer-buying-guide/>

processor

memory

os

storage

display

02. Explain what is meant by a computer in your own words.

A computer is a programmable device which stores, retrieves and processes data.

* Electronic Device
* Accepts or collects data
* Process data as given instructions
* Produce output

03. Compare and contrast computers with typical machines. You may use appropriate diagrams if needed.

• A washing machine was designed and trained to be a washing machine, and in no case, should die of shame if it ever realises that it is a dumb device.

• A computer can store/ transmit/ recieve multiple types of data, and is able to perform complex problems (like mathematical/ physics/ commerce etc)

04. Compare and contrast System software with Application software.

* system software
  + Directly runs on computer hardware
  + provides a platform to run application software
  + Provides support to user functionality
  + - Windows, Linux, Max, RemixOS, Android, Raspbian
* Application Software
  + Works on System software
  + Benefits users to perform tasks more user friendly manner
    - MS Office, Google chrome, Paint, Whatsapp