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Class: XI Comp. Sci.	Department: Computer Science	Date of submission: 24/05/2021
Worksheet No: 1	Topic: Computer System and Organization	Note: Please do read NCERT text book

QI. Answer the following questions:

- With a help of block diagram explain Basic computer organization.
- Give suitable examples for
 - Input devices
 - Output devices
- Explain the function of
 - ALU
 - CU
 - MU
 - Registers
- Differentiate between
 - Bit and Byte
 - Nibble and word
 - KB and MB
 - GB and TB
 - PB and EB
- How the following are different from each other RAM and ROM
- How main memory is different from secondary memory?
- What do you mean by
 - System bus
 - Control bus
 - Data bus
 - Address bus
- Name and explain in two sentences about the major functional components of a mobile system.
- Software can be classified broadly into two categories.
 - System software
 - Application software.
- What do you mean by language processors ?Brief on three types of language processors.
- Name the Most common categories of general purpose application software.
- What are utilities?

Q.II Fill in the blanks

- A group of ____ bits is a Byte and A nibble is a group of ____ bits.
- _____ is volatile and _____ is non-volatile.
- _____ performs guides the interpretation, flow and manipulation of all data and information.
- _____ are small units of data holding places.
- _____ is made up of transistors and capacitors and _____ is made up of flip flops.

Q.III Answer the following

- What is an operating System? Name it's objectives.
- Name the different types of Operating Systems -user interface.
- Explain Command-based Interface.
- Explain Graphical User Interface.
- How Touch-based Interface works?
- What is Voice-based Interface?
- What do you mean by Gesture-based Interface?
- What are the different Functions of an Operating System?
- What is Process Management ?
- Explain Memory Management.
- What is File Management ?