INDIAN SCHOOL MUSCAT
COMPUTER SCIENCE
TOPIC: COMPUTER OVERVIEW
WORKSHEET – 14

1. Define a Computer.
2. Distinguish between data and information.
3. What is IPO Cycle ?
4. Explain the functional components of a Computer with a neat block diagram.
5. Explain the various units of measuring Computer memory and the relationship among them.
6. Define the following terms :
   (a) hardware   (b) peripherals   (c) software   (d) Operating System
   (e) Application software   (f) Firmware   (g) Liveware (h) Microprocessor
   (i) "Stored Program Computer" (Von Neumann's Architecture)
    (j) Memory cell (k) microcomputer
7. Distinguish between a Compiler and an interpreter.
8. What are language processors? Give 2 examples.
9. List the advantages and disadvantages of a computer. (any 4 points)
10. What is the basic difference between an ordinary main frame computer and a super computer?
11. How is the power of a super computer measured?
12. Give a short note on each of the following :
    (a) Analog computer
    (b) Hybrid Computer
    (c) various types of digital computers
    (d) Super computers developed in India
13. Give FULL form of the following along with units in terms of bytes:
     a. KB   b.GB. c. TB d.PB e. CPU f. ALU g. CU h. MICR   i. OMR j OCR
14. Why is binary language termed as machine language ? Why is machine language required ?
15. List the functions of an Operating System.
16. Explain briefly :
    a. First Generation Computer
    b. Second Generation Computer
    c. Third Generation Computer
    d. Fourth Generation Computer