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Subject: Informatics Practices   **Std-XI**   **Worksheet No :1**

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Computer Overview

Q1. What is volatile memory?

Q2. Define each of the following:

(a) byte (b) kilobyte (c) megabyte (d) gigabyte (e) terabyte.

Q3. State the basic units of computer. Name the subunits that make up the CPU, and give the function of each of the unit.

Q.4 What is the function of memory? What are its measuring units?

Q5. Why is primary memory termed as „destructive write‟ memory but „non-destructive read‟ memory?

Q6. What are various categories of software?

Q7. What is the difference between an interpreter and a compiler?

Q8. What is application software? Why it is required?

Q9. Briefly explain the basic architecture of a computer.

Q10. What do you understand by input unit? What is its significance? What does computer system consist of?

Q11. What is the function of CPU in a computer system? What are its sub units?

Q12. What functions are performed by the control unit?

Q12. Distinguish between CPU and ALU?

Q13. What is the function of output unit in a computer system?

Q14. Distinguish between internal and external memory.

Q15. What are RAM and ROM? How are they alike? How are they different? What are PROM, EPROM, EEPROM?

Q16. What is system software?

Q17. Discuss the role of utility software in the context of computer performance?

Q18. What is the importance of an OS?

Q19. How are software libraries useful? Name some software libraries of Python.

Q20. What is the utility of these software?

(a) disk fragmentor (b) backup software

Q21. What is a printer? Explain different types of printer.

Q22. Write down the characteristics of computer.

Q23. Explain the classification of the computer by data processed.

Q24. Define the given terms.

a) OCR.

b) OMR.

c) MICR.

d) Bar code reader.

Q25. What is an operating system ? Explain different types of operating system.