

SECTION "B" (Short Answer Question) Marks: 30

NOTE: Attempt any TEN part questions in all. All part questions carry equal marks. Answer should not exceed 6 to 7 lines

2. i) Draw a labelled diagram of Data Processing Cycle.
- ii) Differentiate Primary Memory and Secondary Memory.
- iii) What is Cache? Mention its types.
- iv) What is Language Translator? Define Interpreter.
- v) Why star topology is the most reliable?
- vi) Define the following:
 - * Simplex Mode
 - * Half-Duplex Mode
 - * Full-Duplex Mode
- vii) What is Synchronous Transmission?
- viii) Draw a labelled diagram of OSI reference model.
- ix) What is ASCII coding scheme?
- x) Define the term 'BUS' with two examples.
- xi) What is a Port? Enlist its types.
- xii) Enlist five functions of an Operating System.
- xiii) Define PUSH and POP in STACK.
- xiv) What is an Email? Write three advantages of Email.
- xv) Write the full form of any six of the following abbreviations:
 - * LED
 - * LCD
 - * MBR
 - * IR
 - * BIOS
 - * ALU
 - * CPU
 - * TCP/IP

Section C (Detailed Answer Question) (30)

NOTE: Attempt any THREE question from this section.

All questions carry equal marks.

3. What is a Monitor? Explain CRT and Flat Panel Monitors with their types.
4. Explain different types of Printers.
5. What is Software Privacy? How can we protect our Software?
6. What are Scanning Devices? Explain their different types.
7. Define Computer Virus. Explain its types.