I] Unit

1] 1] Explain functional units of a computer.
→ Dia & briefing.

2] Explain Basic operational concepts
(or) Connection blw Processor & memory.
→ Dia & registers expn

★ 3] Explain Single Bus structure (Dia & Expn)

4] What is performance? Explain How performance effects the computer. ? How can it be improved

2] 5] What is byte adressebility?

6] Explain Little & big endian assignments

7] What is addressing mode?

8] Explain diff add modes with examples.

9] Explain the concept of st. line sequencing.

★10] No assembly level programs will be asked.

11] Explain diff types of instructions based on size.

II] Unit

1] Explain the concept of accessing I/o devices

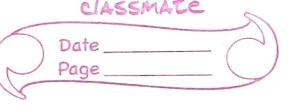2] How I/o devices are connected to Processor

3] What is an Interrupt ? Explain with example.

4] What is Program controlled I/o ? ex (SEE)

★ 5] Explain Interrupt hardware/How interrupt lines of diff devices are connected to processor

6] Explain How Interrupts are handled when multiple I/o devices are connected to pros.

★ 7] Explain daisy chain arrangement to handle simultaneous reqsts from multiple I/o devices.

8] What is direct memory access? Explain with Block dia. (Bus Arbitration Approach).

9] Centralized Bus Arbitration & Distributed.

10] Explain synchronus & Asynchronus Bus.