

SECTION-B

2. What is Flynn's classification of computer architecture? Explain SISD, SIMD and MIMD in detail with relevant diagram.
3. What do you mean by micro-operations? Discuss their types in detail. Also tell the relationship between micro-operation, micro instruction and micro program.
4. What is an interrupt in computer organisation? Discuss interrupt types and interrupt cycle in brief.
5. Discuss the role of control unit in computer system. Explain hardwired and micro programmed control unit in detail also tell the steps to design both types of control unit.
6. Explain the following :
 - a. Asynchronous data transfer
 - b. Port and their types used in computer
7. Write note on the following :
 - a. Memory, memory types and memory hierarchy
 - b. Cache memory mapping techniques