

Assignment No. 1

- Q1. What are the advantages and disadvantages of hardwired control and micro programmed control?
- Q2. Explain the single bus organization of the data path inside a processor.
- Q3. Discuss the execution of a single instruction with an example.
- Q4. Explain the process of fetching a word from memory and storing the word in memory.
- Q5. Explain the control unit organization of a processor with separate encoding and decoding blocks.
- Q6. Write a note on microinstructions.