

DEPARTMENT: CSE SEMESTER: 4

SUBJECT NAME: COMPUTER ORGANIZATION and ARCHITECTURE

SUBJECT CODE: 3140707

FACULTY NAME : PROF. S Y JOSHI

Assignment: 4

- 1. Explain in detail block diagram of 64-word Stack.
- 2. List all characteristics of RISC architecture.
- 3. List all instruction formats three address, two address, one address, zero address with example.
- 4. Explain flynn's classification of computer
- 5. Explain pipelining with an example.
- 6. Explain speedup ratio of pipelining processing.
- 7. Discuss four segment instruction pipe-line with diagram.
- 8. Write a note on memory interleaving Compare SIMD and MIMD
- 9. Explain vector processing.

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