COA TT1 Question Bank

2M

1. What is Virtual Memory.

2. Define Computer architecture and Computer Organization.

3. Explain various Characteristics of memory.

4. Explain the concept of Memory Hierarchy.

5. Explain the role of different registers – IR, MAR, MDR, PC.

6. Explain Stored Program Concept.

7. Explain different types of RAM.

8. Difference between SRAM and DRAM.

9. Explain Fetch Cycle.

10. Represent given number in Single Precision Format.

5M

1. Explain different addressing modes.

2. Explain Address Translation Mechanism.

3. Draw flowchart for Booth's Algorithm and perform.

4. Explain Restoring Division algorithm and perform.

5. Explain Instruction cycle state Diagram.

6. Explain Register Organization in detail.

7. Explain Fetch, Indirect and Interrupt cycle.