**For written exam:**

1. Memory Addressing
2. Physical,logical addressing
3. Flag Based Operations(change of flags for multiplication,division,addition,subtraction)
4. Opcode generation
5. Handshaking,Double handshaking
6. Flag bit,control bit
7. Keyboard interfacing
8. Assignment,Quiz based questions
9. Instructions/short code implementation(from Marut)

**(Technical question 90%.Theoretical question 10%)**

**For Lab exam:**

1. Triangle problem,Alphabet based problems,Upper-lower case detection based basic codes.