

# **TOP 15 MOST IMPORTANT QUESTIONS**

## **FOR UNIT-1 (2026)**

1. Explain General Register Organization.
2. Explain Stack Organization with PUSH and POP.
3. Explain Addressing Modes with examples.
4. Explain Register Transfer Language (RTL).
5. Explain Bus Structure.
6. Explain Instruction Format.
7. Explain Fetch and Execution Cycle.
8. Explain role of PC, IR and MAR.
9. Explain Hardwired Control Unit.
10. Explain Microprogrammed Control Unit.
11. Differentiate Hardwired and Microprogrammed Control Unit.
12. Explain Microinstruction Format.
13. Explain Control Memory.
14. Explain Microprogram Sequencer.
15. Draw and explain Basic Structure of Computer.