

SECTION-D

7. What is meant by hypercube interconnection? Why is it required? Explain.
8.
 - a) Define multistage switching network.
 - b) Discuss different logical instructions available in assembly language programming.

SECTION-E

9. **Write briefly :**
 - a) Comment on reverse polish notation.
 - b) Define the term “Basic Computer Organization”.
 - c) What is meant by control word?
 - d) Define the term vector processing.
 - e) Discuss briefly synchronous data transfer.
 - f) What is DMA controller?
 - g) What is Address Space?
 - h) What is crossbar switch?
 - i) Write two machine control instructions of assembly language.
 - j) Discuss the use of Instruction Register.

NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.