

- Q) Explain the Following:
- a) What is RAM? Explain the functions of RAM.
- b) Explain Associative memory with Read and write Program.

Q) Write difference between SOP Form and POS Form in detail.

2) Explain all the Logic gates along with Truth Table.

Q) What is Computer instruction? Explain the various types of Computer Instruction.

1) Explain the Following -

- a) What is stack organization? Explain the micro operations of Register Stack.
- b)  $X = A + B \quad [C \cdot D + E \cdot (F + G)]$  Convert this form infix to reverse Polish Notation.