CLASS: BTECH
TIME: 50 Min

SEMESTER: 5th
SESSION: MO/25
FULL MARKS: 10

SET-B

[2+3]

1. (a) Differentiate between **RISC & CISC Machine**.
   (b) How many components are existing in system programming? Explain.

[2+3]

2. (a) Explain the instruction format of SIC/XE machine.
   (b) For each of the following SIC/XE instruction, determine the instruction format, addressing mode and target address. Assume (B) =006000, (PC) = 003000 and (X) = 000090

   i)   032600
   (ii)   03C300
   (iii)   003600

29.08.2025