BIRLA INSTITUTE OF TECHNOLOGY, MESRA, OFF CAMPUS DEOGHAR
Quiz Test –I
<u>CS343 SYSTEM PROGRAMMING</u>

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CLASS: BTECH
TIME: 50 Min

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

SET-A

1. (a) Define the System Software? Why need of system software?   [2+3]

   (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)   022030
   (ii)   0310C303
   (iii)   010030

2. (a) Discuss on **Interpreter & Compiler**.   [2+3]
   (b) Differentiate between **Application Software & System Software**.