

Roll No:.....

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

MAKEUP EXAMINATION- April 2018

B.Tech IV Semester

COURSE CODE: 10B22CI421

MAX. MARKS: 25

COURSE NAME: Computer Organisation

COURSE CREDITS: 04

MAX. TIME: 1.5 Hrs

Note: All questions are compulsory. Each question carries equal marks. Carrying of mobile phone during examinations will be treated as case of unfair means.

1. Draw and explain Arithmetic Logic Shift Unit- One stage of ALU
2. (a) Draw and explain the hardwired Control Unit for the basic computer.
(b) What is interrupt? Draw and explain the Flowchart for interrupt cycle.
3. Explain the common bus architecture of Register transfers for the Interrupt Cycle.
4. Draw and explain the Complete Computer Description Flow Chart.
5. List all the basic computer instructions with their RTL codes.

JUIT MAKEUP

EXAMINATION

APRIL 2018