Assignment:

- Pregisters R1 and R2 of a computer contain the decimal Values 1200 and 4600. What is the effective address of the memory operand in each of the following instructions—
 - (i) Load 20 (Rs) R5
 - (ii) Add -(Ra), R5-
- D Emplain DMA Combrollery in a computer System with a most diagram.
- 3 Emplain the dialy chaining mechanisms for bus arbitration.

 Analyse the three bus arbitration mathods—daily chaining bolling, independent regulating with respect to Communication reliability in the even handwork failure.
- 4) what are hazards in pipelining? Emploin its time type with enamples.
- DMA- Controller transfery 16-bit words to memory using cycle stealing. The words are assembled from a device that transmits characters at the rate of 2400 Characters per second. The CPU is fetching and exacting instructions at an average rate of 1 million instructions per Second. By how much will be the CPU be Slowed down because of the DMA-bransfert.