

CS 8491 Computer Architecture
Important 2mark Questions

Unit I

1. What are components of a computer system?
2. Give the formula for CPU execution time for a program.
3. What are the addressing modes?

Unit II

1. What are the overflow/Underflow conditions for addition and subtraction?
2. What is a tension splice?
3. State the representation of double precision floating point number.

Unit III

1. What is a hazard? What are its types?
2. Mention the various types pipelining.
3. What is meant by branch prediction?

Unit IV

1. Define a super scalar processor.
2. What is instruction level parallelism?
3. Distinguish implicit multithreading and explicit multithreading.

Unit V

1. What are the various memory technologies?
2. What is cache memory?
3. Define memory interleaving