

For Term Test 1

contents covered and where portions can be found is listed below
The Dragon book section 9.3 to 9.3.2 has some theory portions covered in the class.

Reading these slides will be useful for the portions and examples covered in the book.

<https://www.csa.iisc.ac.in/~>

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After Term Test 2

Sections 9.1, 9.2 (Data Flow Analysis)

11.1, 11.2, 11.4 ,11.5 (optimization for parallelism and locality)

11.7.8 (affine transformation , see figures 11.35, 11.36)

10.5 (software pipelining)

Portions from chapter 8 - 8.2, 8.5 and 8.6 covered in last three classes (target architecture, DAG, Code generation using getReg()).

12.1.3 (call strings, inter procedural analysis)

Sections 7.1 to 7.3 (Runtime environments)

Sections 8.8.1 to 8.8.3, 8.9.1 to 8.9.2, 8.10.1 to 8.10.3

Chapter 7 - 7.1, 7.2, 7.3

Additional contents not from dragon book (refer NPTEL slides shared)