Q. Explain about code generation algorithm with example.

Q. Explain how to handle the conflicts during the Shift-Reduce Parsing.

Q. Explain about source language issues.

Q. How Loop-optimization can improve the running time of a Program? Explain each technique with example.

Q. Design SDD to convert a binary number into its equivalent decimal representation.

Q. Compare and contrast S-Attributed and L-Attributed definitions.

Q. Build and write SDD to construct syntax trees for expressions.

Q. Construct LR(0), and SLR(1) Parser example.

Q.

Q. List the contents of the Activation Record in the storage organization.

Q. List the characteristic of peephole optimizations. Explain in details.

Q. Explain the different storage allocation strategies with their merits and demerits along with example.

Q. Explain the different principle sources of code optimization techniques with example.

Q. Explain the issues in the design of a code generator with example.

Q. Explain the different Peephole optimization techniques with examples.

Q. Translate the expression $a = b * -c + b * -c$ into a Quadruple, Triple and Indirect Triple.

Q. Write SDT to produce Three Address codes with an example.

Q. Explain with examples, any Five Optimization that can be performed on Basic Blocks.

Q. Write SDT to generate intermediate code for assignment Statement. Give an example.

Q. Explain about Stack implementation of Shift Reduce Parsing.