Specifying Syntax Questions

Explain "syntax" and "semantics".

Explain "static" and "dynamic".

Name the four metalanguages for describing syntax.

What are the advantages and disadvantages of each?

How are these symbols used: "::=", " | ", "[", "]", "{", "}", "…", "?", "*", and "+".

How do we describe repetition with syntax diagrams?

What are the parts of a derivation tree? What goes where?

Explain the difference between "left recursion" and "right recursion".

What is a syntactic ambiguity?

What is a context-free language?

What is a context-sensitive language?

What are the three basic parts of a programming language?

What is an identifier? What kinds of identifiers are found in programming languages?

What kinds of expressions can acts as commands in Java? in C?