

## **Chapter 1. Language Processors**

### **Questions**

1. Explain different types of grammar with example.
2. Explain in detail front end & back end of toy compiler with the help of examples.
3. Explain language processor development tool.
4. Explain in detail fundamental language processing activities.
5. What is LPDT? Explain YACC in detail.
6. Differentiate translator & interpreter.
7. Explain different types of grammar with their characteristics & limitations.
8. What is LPDT? Explain LEX in detail.
9. How does LEX works? Give illustration.
10. What is System Programming? How is it different from application programming?
11. What are the tools used for language processing? Give examples.
12. Define FR, LP pass and IR. What are desirable properties of IR?
13. What is binding & binding time. Discuss different binding times with example.
14. What is IR? Prepare an IR by making front end analysis of following program  
P: integer;  
Q, R: real;  
Q := R + P;
15. Explain scanning & parsing in detail.
16. Explain the concept of derivation & reduction with example.