**CD Question Bank**

**UNIT 1 & UNIT 2:**

Q1. Language processors, types, uses, and examples.

Q2. What is translator?

Q3. Difference between linker and loader.

Q4. What are phases of a compiler ?

Q5. What is tokens in expression ?

Q6. How to make syntax tree ?

Q7. What is lexical analyzer and its role of lexical analyzer ?

Q8. What is input buffering ?

Q9. Generates parse tree using tokens ?

Q10. What is recursive descent?

Q11. What is top down parser with examples ?

Q12. Explain compiler construction tools with examples?

Q13. What is parser and its types with examples?

Q14. Explain LL(1) parser with its examples?

Q15.what is LR parser and its types with examples?

Q16.how to check a grammar is LL(1) .

Q17.what is operator precedence?

Q18.explain LR(0) & LR(1)

Q19.what is operator grammar?

Q20. Explain cross compiler with its examples?

Q21. What is first and follow?

Q22. Difference between SLR, CLR, LALR .

Q23. What is shift reduce parser with example?

Q24.parser, role of a parser?

Q25 what is CFG?

**Unit 3:**

Q1. Explain bottom-up parser with example

Q2. Types of bottom-up parser with example

Q3.LR (0), SLR (1), CLR (1), LALR (1) 🡪 numerical

Q4. What is SDT explain with example

Q5. What is intermediate code generator explain with example(Triple, Quadruple, Indirect Triple). 🡪 technical questions

Q6. What is symbol table? Explain its need and requirement in all the phases with example

**Unit 4:**

Q1. What is code generation Explain with example? also explain its algorithm

Q2. Problems in code generation

Q3. Difference between machine independent and dependent code

Q4. Which data structure used for symbol table

Q5. What is error handling its types. Explain with the help of example in each phase

Q6. What is register allocation and assignment. What us register allocation is temporary variable and user variable.

Q7. What is code optimization. Explain with help of example and also explain its types.

**Note:** Technical questions may come from parsers intermediate code and SDT. Please practice from all last 5 year questions

If you have any difficulty you may request for online class in college timing