

Parsing Pre- and Post-Test Questions

- Q1: What is the main goal of parsing in a compiler?
- Q2: Which parsing technique constructs a parse tree from top to bottom?
- Q3: What does LL stand for in LL Parsing?
- Q4: Which of the following is a bottom-up parsing technique?
- Q5: What is the role of a parsing table in predictive parsing?
- Q6: Which data structure is commonly used in shift-reduce parsing?
- Q7: What kind of grammar is required for CYK parsing?
- Q8: Which parser handles ambiguous grammars effectively?
- Q9: What is the key difference between SLR and LALR parsing?
- Q10: In semantic parsing, what is the output generally used for?
- Q11: Dependency parsing is primarily used in which domain?
- Q12: What is a FIRST set used for in parsing?
- Q13: What is a FOLLOW set used for in predictive parsers?
- Q14: Which of the following is not a type of LR parser?
- Q15: How does chart parsing improve parsing efficiency?

Participant 1 - Experimental Group

Pre-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 2
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 0
- Q3: What does LL stand for in LL Parsing? - Marks: 2
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 2
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 1
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 2
- Q7: What kind of grammar is required for CYK parsing? - Marks: 1
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 0
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 1
- Q10: In semantic parsing, what is the output generally used for? - Marks: 0
- Q11: Dependency parsing is primarily used in which domain? - Marks: 1
- Q12: What is a FIRST set used for in parsing? - Marks: 2
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 2
- Q14: Which of the following is not a type of LR parser? - Marks: 0
- Q15: How does chart parsing improve parsing efficiency? - Marks: 0

Total Pre-Test Score: 16/30

Post-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 1
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 1
- Q3: What does LL stand for in LL Parsing? - Marks: 2
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 2
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 2
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 2
- Q7: What kind of grammar is required for CYK parsing? - Marks: 2
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 1
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 1
- Q10: In semantic parsing, what is the output generally used for? - Marks: 1
- Q11: Dependency parsing is primarily used in which domain? - Marks: 1
- Q12: What is a FIRST set used for in parsing? - Marks: 2
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 1
- Q14: Which of the following is not a type of LR parser? - Marks: 2
- Q15: How does chart parsing improve parsing efficiency? - Marks: 1

Total Post-Test Score: 22/30

Engagement Metrics:

Time Spent: 115 minutes

Average Retry Count: 2.8

Scroll Completion: 87%

Participant 2 - Experimental Group

Pre-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 0
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 1
- Q3: What does LL stand for in LL Parsing? - Marks: 1
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 0
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 2
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 1
- Q7: What kind of grammar is required for CYK parsing? - Marks: 1
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 1
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 0
- Q10: In semantic parsing, what is the output generally used for? - Marks: 0
- Q11: Dependency parsing is primarily used in which domain? - Marks: 0
- Q12: What is a FIRST set used for in parsing? - Marks: 0
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 0
- Q14: Which of the following is not a type of LR parser? - Marks: 2
- Q15: How does chart parsing improve parsing efficiency? - Marks: 2

Total Pre-Test Score: 11/30

Post-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 2
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 2
- Q3: What does LL stand for in LL Parsing? - Marks: 1
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 1
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 1
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 1
- Q7: What kind of grammar is required for CYK parsing? - Marks: 2
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 1
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 1
- Q10: In semantic parsing, what is the output generally used for? - Marks: 2
- Q11: Dependency parsing is primarily used in which domain? - Marks: 1
- Q12: What is a FIRST set used for in parsing? - Marks: 1
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 1
- Q14: Which of the following is not a type of LR parser? - Marks: 1
- Q15: How does chart parsing improve parsing efficiency? - Marks: 1

Total Post-Test Score: 19/30

Engagement Metrics:

Time Spent: 118 minutes

Average Retry Count: 1.2

Scroll Completion: 88%

Participant 3 - Experimental Group

Pre-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 0
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 1
- Q3: What does LL stand for in LL Parsing? - Marks: 0
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 2
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 2
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 1
- Q7: What kind of grammar is required for CYK parsing? - Marks: 2
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 0
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 1
- Q10: In semantic parsing, what is the output generally used for? - Marks: 0
- Q11: Dependency parsing is primarily used in which domain? - Marks: 0
- Q12: What is a FIRST set used for in parsing? - Marks: 1
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 0
- Q14: Which of the following is not a type of LR parser? - Marks: 2
- Q15: How does chart parsing improve parsing efficiency? - Marks: 0

Total Pre-Test Score: 12/30

Post-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 2
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 1
- Q3: What does LL stand for in LL Parsing? - Marks: 1
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 1
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 1
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 1
- Q7: What kind of grammar is required for CYK parsing? - Marks: 2
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 1
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 2
- Q10: In semantic parsing, what is the output generally used for? - Marks: 2
- Q11: Dependency parsing is primarily used in which domain? - Marks: 1
- Q12: What is a FIRST set used for in parsing? - Marks: 1
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 1
- Q14: Which of the following is not a type of LR parser? - Marks: 1
- Q15: How does chart parsing improve parsing efficiency? - Marks: 2

Total Post-Test Score: 20/30

Engagement Metrics:

Time Spent: 104 minutes

Average Retry Count: 2.0

Scroll Completion: 85%

Participant 4 - Experimental Group

Pre-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 1
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 1
- Q3: What does LL stand for in LL Parsing? - Marks: 1
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 0
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 1
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 1
- Q7: What kind of grammar is required for CYK parsing? - Marks: 0
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 2
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 0
- Q10: In semantic parsing, what is the output generally used for? - Marks: 1
- Q11: Dependency parsing is primarily used in which domain? - Marks: 1
- Q12: What is a FIRST set used for in parsing? - Marks: 0
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 2
- Q14: Which of the following is not a type of LR parser? - Marks: 1
- Q15: How does chart parsing improve parsing efficiency? - Marks: 1

Total Pre-Test Score: 13/30

Post-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 1
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 1
- Q3: What does LL stand for in LL Parsing? - Marks: 1
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 1
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 1
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 1
- Q7: What kind of grammar is required for CYK parsing? - Marks: 2
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 2
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 1
- Q10: In semantic parsing, what is the output generally used for? - Marks: 1
- Q11: Dependency parsing is primarily used in which domain? - Marks: 1
- Q12: What is a FIRST set used for in parsing? - Marks: 2
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 1
- Q14: Which of the following is not a type of LR parser? - Marks: 2
- Q15: How does chart parsing improve parsing efficiency? - Marks: 1

Total Post-Test Score: 19/30

Engagement Metrics:

Time Spent: 65 minutes

Average Retry Count: 1.8

Scroll Completion: 88%

Participant 5 - Experimental Group

Pre-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 1
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 0
- Q3: What does LL stand for in LL Parsing? - Marks: 1
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 2
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 1
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 1
- Q7: What kind of grammar is required for CYK parsing? - Marks: 2
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 1
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 0
- Q10: In semantic parsing, what is the output generally used for? - Marks: 0
- Q11: Dependency parsing is primarily used in which domain? - Marks: 0
- Q12: What is a FIRST set used for in parsing? - Marks: 2
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 1
- Q14: Which of the following is not a type of LR parser? - Marks: 0
- Q15: How does chart parsing improve parsing efficiency? - Marks: 2

Total Pre-Test Score: 14/30

Post-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 1
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 1
- Q3: What does LL stand for in LL Parsing? - Marks: 1
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 2
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 2
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 1
- Q7: What kind of grammar is required for CYK parsing? - Marks: 1
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 2
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 2
- Q10: In semantic parsing, what is the output generally used for? - Marks: 2
- Q11: Dependency parsing is primarily used in which domain? - Marks: 2
- Q12: What is a FIRST set used for in parsing? - Marks: 1
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 2
- Q14: Which of the following is not a type of LR parser? - Marks: 1
- Q15: How does chart parsing improve parsing efficiency? - Marks: 2

Total Post-Test Score: 23/30

Engagement Metrics:

Time Spent: 96 minutes

Average Retry Count: 3.0

Scroll Completion: 85%

Participant 6 - Experimental Group

Pre-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 1
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 2
- Q3: What does LL stand for in LL Parsing? - Marks: 0
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 0
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 0
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 2
- Q7: What kind of grammar is required for CYK parsing? - Marks: 2
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 0
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 2
- Q10: In semantic parsing, what is the output generally used for? - Marks: 0
- Q11: Dependency parsing is primarily used in which domain? - Marks: 0
- Q12: What is a FIRST set used for in parsing? - Marks: 1
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 2
- Q14: Which of the following is not a type of LR parser? - Marks: 0
- Q15: How does chart parsing improve parsing efficiency? - Marks: 0

Total Pre-Test Score: 12/30

Post-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 2
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 2
- Q3: What does LL stand for in LL Parsing? - Marks: 2
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 2
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 1
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 1
- Q7: What kind of grammar is required for CYK parsing? - Marks: 2
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 2
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 1
- Q10: In semantic parsing, what is the output generally used for? - Marks: 2
- Q11: Dependency parsing is primarily used in which domain? - Marks: 2
- Q12: What is a FIRST set used for in parsing? - Marks: 1
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 2
- Q14: Which of the following is not a type of LR parser? - Marks: 2
- Q15: How does chart parsing improve parsing efficiency? - Marks: 1

Total Post-Test Score: 25/30

Engagement Metrics:

Time Spent: 116 minutes

Average Retry Count: 1.2

Scroll Completion: 96%

Participant 7 - Experimental Group

Pre-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 2
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 1
- Q3: What does LL stand for in LL Parsing? - Marks: 1
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 0
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 2
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 1
- Q7: What kind of grammar is required for CYK parsing? - Marks: 2
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 2
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 0
- Q10: In semantic parsing, what is the output generally used for? - Marks: 1
- Q11: Dependency parsing is primarily used in which domain? - Marks: 0
- Q12: What is a FIRST set used for in parsing? - Marks: 1
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 1
- Q14: Which of the following is not a type of LR parser? - Marks: 1
- Q15: How does chart parsing improve parsing efficiency? - Marks: 1

Total Pre-Test Score: 16/30

Post-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 1
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 1
- Q3: What does LL stand for in LL Parsing? - Marks: 2
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 1
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 1
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 1
- Q7: What kind of grammar is required for CYK parsing? - Marks: 1
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 1
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 1
- Q10: In semantic parsing, what is the output generally used for? - Marks: 2
- Q11: Dependency parsing is primarily used in which domain? - Marks: 2
- Q12: What is a FIRST set used for in parsing? - Marks: 1
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 1
- Q14: Which of the following is not a type of LR parser? - Marks: 1
- Q15: How does chart parsing improve parsing efficiency? - Marks: 2

Total Post-Test Score: 19/30

Engagement Metrics:

Time Spent: 92 minutes

Average Retry Count: 1.8

Scroll Completion: 99%

Participant 8 - Experimental Group

Pre-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 1
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 2
- Q3: What does LL stand for in LL Parsing? - Marks: 0
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 2
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 1
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 0
- Q7: What kind of grammar is required for CYK parsing? - Marks: 1
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 0
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 2
- Q10: In semantic parsing, what is the output generally used for? - Marks: 0
- Q11: Dependency parsing is primarily used in which domain? - Marks: 0
- Q12: What is a FIRST set used for in parsing? - Marks: 0
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 0
- Q14: Which of the following is not a type of LR parser? - Marks: 0
- Q15: How does chart parsing improve parsing efficiency? - Marks: 1

Total Pre-Test Score: 10/30

Post-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 2
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 2
- Q3: What does LL stand for in LL Parsing? - Marks: 2
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 2
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 2
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 2
- Q7: What kind of grammar is required for CYK parsing? - Marks: 2
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 2
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 1
- Q10: In semantic parsing, what is the output generally used for? - Marks: 1
- Q11: Dependency parsing is primarily used in which domain? - Marks: 1
- Q12: What is a FIRST set used for in parsing? - Marks: 1
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 2
- Q14: Which of the following is not a type of LR parser? - Marks: 2
- Q15: How does chart parsing improve parsing efficiency? - Marks: 1

Total Post-Test Score: 25/30

Engagement Metrics:

Time Spent: 112 minutes

Average Retry Count: 2.9

Scroll Completion: 85%

Participant 9 - Experimental Group

Pre-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 0
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 0
- Q3: What does LL stand for in LL Parsing? - Marks: 2
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 0
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 2
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 1
- Q7: What kind of grammar is required for CYK parsing? - Marks: 0
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 2
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 2
- Q10: In semantic parsing, what is the output generally used for? - Marks: 1
- Q11: Dependency parsing is primarily used in which domain? - Marks: 0
- Q12: What is a FIRST set used for in parsing? - Marks: 0
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 2
- Q14: Which of the following is not a type of LR parser? - Marks: 0
- Q15: How does chart parsing improve parsing efficiency? - Marks: 2

Total Pre-Test Score: 14/30

Post-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 2
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 1
- Q3: What does LL stand for in LL Parsing? - Marks: 2
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 1
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 2
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 2
- Q7: What kind of grammar is required for CYK parsing? - Marks: 1
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 2
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 1
- Q10: In semantic parsing, what is the output generally used for? - Marks: 1
- Q11: Dependency parsing is primarily used in which domain? - Marks: 1
- Q12: What is a FIRST set used for in parsing? - Marks: 1
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 2
- Q14: Which of the following is not a type of LR parser? - Marks: 2
- Q15: How does chart parsing improve parsing efficiency? - Marks: 2

Total Post-Test Score: 23/30

Engagement Metrics:

Time Spent: 81 minutes

Average Retry Count: 2.7

Scroll Completion: 94%

Participant 10 - Experimental Group

Pre-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 0
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 2
- Q3: What does LL stand for in LL Parsing? - Marks: 0
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 1
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 0
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 0
- Q7: What kind of grammar is required for CYK parsing? - Marks: 1
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 0
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 1
- Q10: In semantic parsing, what is the output generally used for? - Marks: 0
- Q11: Dependency parsing is primarily used in which domain? - Marks: 2
- Q12: What is a FIRST set used for in parsing? - Marks: 2
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 0
- Q14: Which of the following is not a type of LR parser? - Marks: 0
- Q15: How does chart parsing improve parsing efficiency? - Marks: 0

Total Pre-Test Score: 9/30

Post-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 1
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 2
- Q3: What does LL stand for in LL Parsing? - Marks: 1
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 2
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 2
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 2
- Q7: What kind of grammar is required for CYK parsing? - Marks: 1
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 2
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 2
- Q10: In semantic parsing, what is the output generally used for? - Marks: 1
- Q11: Dependency parsing is primarily used in which domain? - Marks: 2
- Q12: What is a FIRST set used for in parsing? - Marks: 1
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 2
- Q14: Which of the following is not a type of LR parser? - Marks: 1
- Q15: How does chart parsing improve parsing efficiency? - Marks: 1

Total Post-Test Score: 23/30

Engagement Metrics:

Time Spent: 80 minutes

Average Retry Count: 2.6

Scroll Completion: 98%

Participant 11 - Experimental Group

Pre-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 2
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 0
- Q3: What does LL stand for in LL Parsing? - Marks: 2
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 1
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 2
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 2
- Q7: What kind of grammar is required for CYK parsing? - Marks: 1
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 2
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 0
- Q10: In semantic parsing, what is the output generally used for? - Marks: 0
- Q11: Dependency parsing is primarily used in which domain? - Marks: 2
- Q12: What is a FIRST set used for in parsing? - Marks: 0
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 2
- Q14: Which of the following is not a type of LR parser? - Marks: 0
- Q15: How does chart parsing improve parsing efficiency? - Marks: 0

Total Pre-Test Score: 16/30

Post-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 2
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 1
- Q3: What does LL stand for in LL Parsing? - Marks: 1
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 1
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 1
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 1
- Q7: What kind of grammar is required for CYK parsing? - Marks: 1
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 2
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 1
- Q10: In semantic parsing, what is the output generally used for? - Marks: 1
- Q11: Dependency parsing is primarily used in which domain? - Marks: 2
- Q12: What is a FIRST set used for in parsing? - Marks: 2
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 2
- Q14: Which of the following is not a type of LR parser? - Marks: 2
- Q15: How does chart parsing improve parsing efficiency? - Marks: 2

Total Post-Test Score: 22/30

Engagement Metrics:

Time Spent: 65 minutes

Average Retry Count: 1.5

Scroll Completion: 100%

Participant 12 - Experimental Group

Pre-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 2
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 0
- Q3: What does LL stand for in LL Parsing? - Marks: 2
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 0
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 0
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 1
- Q7: What kind of grammar is required for CYK parsing? - Marks: 1
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 2
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 1
- Q10: In semantic parsing, what is the output generally used for? - Marks: 2
- Q11: Dependency parsing is primarily used in which domain? - Marks: 1
- Q12: What is a FIRST set used for in parsing? - Marks: 0
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 2
- Q14: Which of the following is not a type of LR parser? - Marks: 2
- Q15: How does chart parsing improve parsing efficiency? - Marks: 0

Total Pre-Test Score: 16/30

Post-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 2
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 2
- Q3: What does LL stand for in LL Parsing? - Marks: 1
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 1
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 2
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 1
- Q7: What kind of grammar is required for CYK parsing? - Marks: 1
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 1
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 2
- Q10: In semantic parsing, what is the output generally used for? - Marks: 2
- Q11: Dependency parsing is primarily used in which domain? - Marks: 1
- Q12: What is a FIRST set used for in parsing? - Marks: 2
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 1
- Q14: Which of the following is not a type of LR parser? - Marks: 1
- Q15: How does chart parsing improve parsing efficiency? - Marks: 1

Total Post-Test Score: 21/30

Engagement Metrics:

Time Spent: 65 minutes

Average Retry Count: 1.3

Scroll Completion: 90%

Participant 13 - Experimental Group

Pre-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 2
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 2
- Q3: What does LL stand for in LL Parsing? - Marks: 1
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 2
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 0
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 1
- Q7: What kind of grammar is required for CYK parsing? - Marks: 1
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 0
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 0
- Q10: In semantic parsing, what is the output generally used for? - Marks: 1
- Q11: Dependency parsing is primarily used in which domain? - Marks: 2
- Q12: What is a FIRST set used for in parsing? - Marks: 1
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 0
- Q14: Which of the following is not a type of LR parser? - Marks: 1
- Q15: How does chart parsing improve parsing efficiency? - Marks: 0

Total Pre-Test Score: 14/30

Post-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 1
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 2
- Q3: What does LL stand for in LL Parsing? - Marks: 2
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 2
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 1
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 2
- Q7: What kind of grammar is required for CYK parsing? - Marks: 1
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 2
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 1
- Q10: In semantic parsing, what is the output generally used for? - Marks: 1
- Q11: Dependency parsing is primarily used in which domain? - Marks: 1
- Q12: What is a FIRST set used for in parsing? - Marks: 2
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 2
- Q14: Which of the following is not a type of LR parser? - Marks: 2
- Q15: How does chart parsing improve parsing efficiency? - Marks: 2

Total Post-Test Score: 24/30

Engagement Metrics:

Time Spent: 114 minutes

Average Retry Count: 2.3

Scroll Completion: 89%

Participant 14 - Experimental Group

Pre-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 1
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 2
- Q3: What does LL stand for in LL Parsing? - Marks: 1
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 1
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 0
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 0
- Q7: What kind of grammar is required for CYK parsing? - Marks: 0
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 1
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 2
- Q10: In semantic parsing, what is the output generally used for? - Marks: 0
- Q11: Dependency parsing is primarily used in which domain? - Marks: 0
- Q12: What is a FIRST set used for in parsing? - Marks: 1
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 0
- Q14: Which of the following is not a type of LR parser? - Marks: 2
- Q15: How does chart parsing improve parsing efficiency? - Marks: 2

Total Pre-Test Score: 13/30

Post-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 1
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 2
- Q3: What does LL stand for in LL Parsing? - Marks: 2
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 1
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 1
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 1
- Q7: What kind of grammar is required for CYK parsing? - Marks: 2
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 1
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 1
- Q10: In semantic parsing, what is the output generally used for? - Marks: 1
- Q11: Dependency parsing is primarily used in which domain? - Marks: 2
- Q12: What is a FIRST set used for in parsing? - Marks: 1
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 2
- Q14: Which of the following is not a type of LR parser? - Marks: 2
- Q15: How does chart parsing improve parsing efficiency? - Marks: 1

Total Post-Test Score: 21/30

Engagement Metrics:

Time Spent: 107 minutes

Average Retry Count: 2.9

Scroll Completion: 98%

Participant 15 - Experimental Group

Pre-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 0
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 0
- Q3: What does LL stand for in LL Parsing? - Marks: 1
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 2
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 2
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 0
- Q7: What kind of grammar is required for CYK parsing? - Marks: 1
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 2
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 2
- Q10: In semantic parsing, what is the output generally used for? - Marks: 1
- Q11: Dependency parsing is primarily used in which domain? - Marks: 1
- Q12: What is a FIRST set used for in parsing? - Marks: 2
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 2
- Q14: Which of the following is not a type of LR parser? - Marks: 1
- Q15: How does chart parsing improve parsing efficiency? - Marks: 2

Total Pre-Test Score: 19/30

Post-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 1
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 2
- Q3: What does LL stand for in LL Parsing? - Marks: 1
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 1
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 2
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 2
- Q7: What kind of grammar is required for CYK parsing? - Marks: 1
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 2
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 1
- Q10: In semantic parsing, what is the output generally used for? - Marks: 1
- Q11: Dependency parsing is primarily used in which domain? - Marks: 1
- Q12: What is a FIRST set used for in parsing? - Marks: 2
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 1
- Q14: Which of the following is not a type of LR parser? - Marks: 1
- Q15: How does chart parsing improve parsing efficiency? - Marks: 1

Total Post-Test Score: 20/30

Engagement Metrics:

Time Spent: 63 minutes

Average Retry Count: 2.1

Scroll Completion: 95%

Participant 16 - Experimental Group

Pre-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 0
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 0
- Q3: What does LL stand for in LL Parsing? - Marks: 1
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 1
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 1
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 0
- Q7: What kind of grammar is required for CYK parsing? - Marks: 2
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 0
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 2
- Q10: In semantic parsing, what is the output generally used for? - Marks: 0
- Q11: Dependency parsing is primarily used in which domain? - Marks: 2
- Q12: What is a FIRST set used for in parsing? - Marks: 0
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 1
- Q14: Which of the following is not a type of LR parser? - Marks: 0
- Q15: How does chart parsing improve parsing efficiency? - Marks: 2

Total Pre-Test Score: 12/30

Post-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 2
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 2
- Q3: What does LL stand for in LL Parsing? - Marks: 2
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 2
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 2
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 1
- Q7: What kind of grammar is required for CYK parsing? - Marks: 2
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 2
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 2
- Q10: In semantic parsing, what is the output generally used for? - Marks: 1
- Q11: Dependency parsing is primarily used in which domain? - Marks: 2
- Q12: What is a FIRST set used for in parsing? - Marks: 2
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 1
- Q14: Which of the following is not a type of LR parser? - Marks: 2
- Q15: How does chart parsing improve parsing efficiency? - Marks: 1

Total Post-Test Score: 26/30

Engagement Metrics:

Time Spent: 89 minutes

Average Retry Count: 2.1

Scroll Completion: 99%

Participant 17 - Experimental Group

Pre-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 0
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 0
- Q3: What does LL stand for in LL Parsing? - Marks: 0
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 1
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 0
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 1
- Q7: What kind of grammar is required for CYK parsing? - Marks: 1
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 0
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 0
- Q10: In semantic parsing, what is the output generally used for? - Marks: 0
- Q11: Dependency parsing is primarily used in which domain? - Marks: 2
- Q12: What is a FIRST set used for in parsing? - Marks: 0
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 1
- Q14: Which of the following is not a type of LR parser? - Marks: 0
- Q15: How does chart parsing improve parsing efficiency? - Marks: 2

Total Pre-Test Score: 8/30

Post-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 1
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 1
- Q3: What does LL stand for in LL Parsing? - Marks: 1
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 1
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 2
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 1
- Q7: What kind of grammar is required for CYK parsing? - Marks: 1
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 2
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 1
- Q10: In semantic parsing, what is the output generally used for? - Marks: 2
- Q11: Dependency parsing is primarily used in which domain? - Marks: 2
- Q12: What is a FIRST set used for in parsing? - Marks: 2
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 1
- Q14: Which of the following is not a type of LR parser? - Marks: 1
- Q15: How does chart parsing improve parsing efficiency? - Marks: 1

Total Post-Test Score: 20/30

Engagement Metrics:

Time Spent: 70 minutes

Average Retry Count: 1.6

Scroll Completion: 88%

Participant 18 - Experimental Group

Pre-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 0
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 2
- Q3: What does LL stand for in LL Parsing? - Marks: 2
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 0
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 1
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 2
- Q7: What kind of grammar is required for CYK parsing? - Marks: 0
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 0
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 1
- Q10: In semantic parsing, what is the output generally used for? - Marks: 2
- Q11: Dependency parsing is primarily used in which domain? - Marks: 2
- Q12: What is a FIRST set used for in parsing? - Marks: 0
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 0
- Q14: Which of the following is not a type of LR parser? - Marks: 1
- Q15: How does chart parsing improve parsing efficiency? - Marks: 1

Total Pre-Test Score: 14/30

Post-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 2
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 1
- Q3: What does LL stand for in LL Parsing? - Marks: 1
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 1
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 2
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 2
- Q7: What kind of grammar is required for CYK parsing? - Marks: 1
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 1
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 1
- Q10: In semantic parsing, what is the output generally used for? - Marks: 1
- Q11: Dependency parsing is primarily used in which domain? - Marks: 2
- Q12: What is a FIRST set used for in parsing? - Marks: 2
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 2
- Q14: Which of the following is not a type of LR parser? - Marks: 2
- Q15: How does chart parsing improve parsing efficiency? - Marks: 1

Total Post-Test Score: 22/30

Engagement Metrics:

Time Spent: 89 minutes

Average Retry Count: 2.5

Scroll Completion: 97%

Participant 19 - Experimental Group

Pre-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 2
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 2
- Q3: What does LL stand for in LL Parsing? - Marks: 0
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 2
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 1
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 1
- Q7: What kind of grammar is required for CYK parsing? - Marks: 0
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 1
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 1
- Q10: In semantic parsing, what is the output generally used for? - Marks: 1
- Q11: Dependency parsing is primarily used in which domain? - Marks: 1
- Q12: What is a FIRST set used for in parsing? - Marks: 0
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 0
- Q14: Which of the following is not a type of LR parser? - Marks: 2
- Q15: How does chart parsing improve parsing efficiency? - Marks: 1

Total Pre-Test Score: 15/30

Post-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 1
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 1
- Q3: What does LL stand for in LL Parsing? - Marks: 2
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 1
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 2
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 2
- Q7: What kind of grammar is required for CYK parsing? - Marks: 1
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 1
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 1
- Q10: In semantic parsing, what is the output generally used for? - Marks: 2
- Q11: Dependency parsing is primarily used in which domain? - Marks: 1
- Q12: What is a FIRST set used for in parsing? - Marks: 2
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 1
- Q14: Which of the following is not a type of LR parser? - Marks: 2
- Q15: How does chart parsing improve parsing efficiency? - Marks: 2

Total Post-Test Score: 22/30

Engagement Metrics:

Time Spent: 90 minutes

Average Retry Count: 1.4

Scroll Completion: 95%

Participant 20 - Experimental Group

Pre-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 2
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 0
- Q3: What does LL stand for in LL Parsing? - Marks: 0
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 0
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 0
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 0
- Q7: What kind of grammar is required for CYK parsing? - Marks: 0
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 0
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 1
- Q10: In semantic parsing, what is the output generally used for? - Marks: 2
- Q11: Dependency parsing is primarily used in which domain? - Marks: 0
- Q12: What is a FIRST set used for in parsing? - Marks: 1
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 1
- Q14: Which of the following is not a type of LR parser? - Marks: 2
- Q15: How does chart parsing improve parsing efficiency? - Marks: 0

Total Pre-Test Score: 9/30

Post-Test Responses & Marks:

- Q1: What is the main goal of parsing in a compiler? - Marks: 1
- Q2: Which parsing technique constructs a parse tree from top to bottom? - Marks: 2
- Q3: What does LL stand for in LL Parsing? - Marks: 2
- Q4: Which of the following is a bottom-up parsing technique? - Marks: 1
- Q5: What is the role of a parsing table in predictive parsing? - Marks: 2
- Q6: Which data structure is commonly used in shift-reduce parsing? - Marks: 1
- Q7: What kind of grammar is required for CYK parsing? - Marks: 2
- Q8: Which parser handles ambiguous grammars effectively? - Marks: 1
- Q9: What is the key difference between SLR and LALR parsing? - Marks: 1
- Q10: In semantic parsing, what is the output generally used for? - Marks: 2
- Q11: Dependency parsing is primarily used in which domain? - Marks: 2
- Q12: What is a FIRST set used for in parsing? - Marks: 2
- Q13: What is a FOLLOW set used for in predictive parsers? - Marks: 2
- Q14: Which of the following is not a type of LR parser? - Marks: 2
- Q15: How does chart parsing improve parsing efficiency? - Marks: 1

Total Post-Test Score: 24/30

Engagement Metrics:

Time Spent: 83 minutes

Average Retry Count: 1.6

Scroll Completion: 87%

