



Concepts of PDAs and Conversion from PDAs to CFGs

72

Responses

4.9

Average Score

Active

Status

1. A PDA accepts a string when: (1 point)

78% of respondents (56 of 72) answered this question correctly.

- after consuming all the symbo... 16
- after consuming all the symbo... 56 ✓



2. A PDA is always a non-deterministic automaton (1 point)

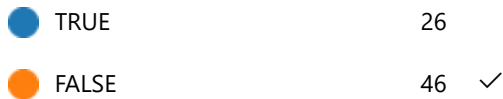
94% of respondents (68 of 72) answered this question correctly.

- TRUE 4
- FALSE 68 ✓



3. Any non-deterministic PDA can be converted to a deterministic PDA (1 point)

64% of respondents (46 of 72) answered this question correctly.



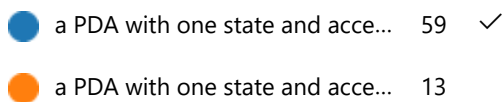
4. It is possible to automatically convert any CFG to a PDA (1 point)

94% of respondents (68 of 72) answered this question correctly.



5. The method explained in the Lecture to convert a CFG to a PDA implies: (1 point)

82% of respondents (59 of 72) answered this question correctly.



6. If a CFG is ambiguous, the automatic conversion of the CFG to a PDA always results in a non-deterministic PDA: (1 point)

82% of respondents (59 of 72) answered this question correctly.

TRUE	59 ✓
FALSE	13

