Question: A grammar is ambiguous, if it is
possible to generate syntax
trees for an expression.
Answer: two different

Question: Which of the following statements are true? Statement 1 : Initial state of NFA is initial state of DFA. Statement 2 : The final state of DFA will be every combination of final state of NFA.
Answer: statement 1 is true and statement 2 is true

Question: Which of the following is correct proposition? Statement 1 : Non determination is a generalisation of determinism. Statement 2 : Every DFA is automatically an NFA.
Answer: statement 2 is correct because statement 1 is correct

Question: Compare the computational power of DFAand NFA
Answer: equal

Question: The following grammar G = ({s}, {a,b}, s, s -> asb|bsa|ss|Ã®Â» generates strings havingâ€- â€¬
Answer: equal numbers of a\'s and b\'s

Question: A push down automata can be represented using .
Answer: all of the options

Question: Concatenating the empty set to any set yields {1 *!â€¢ = }
Answer: _

Question: Pop operation on a stack indicates
Answer: removal of elements

Question: Every state of a DFA always has
exactly existing transition arrow for
each symbol in the alphabet.
Answer: 1

Question: Given the alphabet ÃŽÂ£ = {0,1} { w|w contains the string 001 as a substring} is
Answer: _*001_*