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1. Consider the grammar G where N = {S,B}, I£ = {a,b,c}, S is the start symbol and P consists of the following production rules: 1. S>aBSc; 2. S> abc; 3. Ba> aB; 4. Bb> bb. The grammar defines the language $L(G) = {anbncn  n                                $
2 is a finite non-empty set of indivisible symbols. vocabulary
3. Let the alphabet Σ be the standard 26 letters {a,b,â€l,y,z}. If A = {good,bad} and B ={boy,girl}, then AUB is {good,bad,boy,girl}
4. In a nondeterministic machine, choices may exist for the next state at any point. several
5. A formal language can be given as the following EXCEPT: strings generated by a compiler.
6. Typical questions asked about a formal language the following EXCEPT: what is their understandability?
7. A formal language is a set of words
8. Type 2 of the Chomsky hierarchy denotes context-free language
9. The set of all words over an alphabet $\hat{l} \pounds$ is usually denoted by $\hat{l} \pounds^*$
10. Every state of a Deterministic Finite Automata has exactly existing transition arrow for each symbol in the alphabet. one

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