# CMPE471 – Tutorial 2

Q1. Let and . Let . Describe L and justify your answer.

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Q2. Construct CFGs for the following languages:

|  |  |
| --- | --- |
| 1. . | Answer: |

Q3. Find the languages generated by the following CFGs:

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| --- | --- |
|  | Answer: |

Q4. Show that the grammar is ambiguous.

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| Answer: |

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| --- | --- |
| Q5. Consider the CFG with the following products. Find the derivation tree of . | Answer: |