**CE349: THEORY OF COMPUTATION**

**Unit: GRAMMAR**

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| 1 | Check whether the below grammar is ambiguous or not. |
| 2 | Check whether the below grammar is ambiguous or not. |
| 3 | Check whether the below grammar is ambiguous or not. |
| 4 | Remove Useless symbols from the given CFG. |
| 5 | Remove Useless symbols from the given CFG. |
| 6 | Reduce the following CFG by removing the useless symbols from the grammar. |
| 7 | Convert the following grammar into CNF. |
| 8 | Convert the following grammar into CNF. |
| 9 | Convert the following grammar into CNF. |
| 10 | Convert the following grammar into CNF. |
| 11 | Convert following grammar to equivalent grammar in CNF. |
| 12 | Construct a reduced grammar equivalent to the grammar. |
| 13 | Construct a reduced grammar equivalent to the grammar. |
| 14 | Construct a reduced grammar equivalent to the grammar. |