$$\overline{\overline{\overline{\overline{A}}}}AAAA \tag{1}$$

$$(A + \overline{B}).(\overline{A.C}).(\overline{A.\overline{C}}) \tag{2}$$

$$(A \rightarrow W).(B \rightarrow S) + (\overline{A} \rightarrow S).(\overline{B} \rightarrow W) \tag{3}$$

$$A \rightarrow B \rightarrow A \rightarrow B \rightarrow A \tag{4}$$

$$\overline{AB \rightarrow C} \rightarrow B + \overline{AC} \tag{5}$$

$$\overline{AC \leftarrow B \rightarrow \overline{A} + \overline{\overline{C}}} \tag{6}$$