	Name:
-	2 parts, 1 point each] Using letters W , M , and V , translate the following statements into ymbolic notation.
	(a) If the car works properly and is regularly maintained, then the car is valuable.
,	(b) Regular maintenance is a necessary for the car to work properly and be valuable.
-	4 parts, 1 point each] Write the negation of the following statements using simple and natural English sentences.
	(a) The Gamecocks practice on Tuesdays and play matches on Fridays.
((b) If it is hot, then the car overheats.
	(c) Either it will rain or it will snow, but not both.
((d) Either the processor is fast and the printer is slow, or else the file is damaged.

- 3. Two parts.
 - (a) [3 points] Write a truth table for the following wff:

$$(A \to B) \land (B' \lor C) \land (C \to A) \land (B \leftrightarrow C)'$$

(b) [1 point] Is the wff a tautology, a contradiction, or neither? Briefly explain why.