

Section IV: Short Truth Table (10 marks)

Use a short truth table to determine if the following argument is valid or invalid. Be sure to show your work and number your steps.

$$(L \ \& \ O) \rightarrow (K \vee J) \quad / \quad M \ \& \ (L \rightarrow \sim K) \quad / \quad \sim(J \vee \sim L) \quad // \quad \sim(K \rightarrow N)$$