33. If $(p \land \sim r) \to (\sim p \lor q)$ is false, then truth values of p, q and r are, respectively,

(1) T, T, T (2) T, F, T

F, T, T, T

Thus, $(p \land \sim r)$ is true and $(\sim p \lor q)$ is false.

33. (3) $(p \land \sim r) \rightarrow (\sim p \lor q)$ is false.

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