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1.2

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Let p, q, r represent "The user enters a valid password", "Access is granted" and "The user paid the subscription fee" respectively.

(a) Since "but" means "and" we have $r \wedge \neg p$

(b) Since "whenever" means "if", we have,

$$(r \wedge p) \rightarrow q$$

(c)

$$\neg q \rightarrow \neg r$$

(d)

$$(\neg p \wedge r) \rightarrow q$$