PRE TEST MID EXAM

LOGIC OF INFORMATIC

1. Whether the following argument is valid or not! (using truth table) (poin 20)

If I study mathematic, then I pass the exam

If I didn’t go to fishing, then I study mathematic

I do not pass the exam

Therefore, in that time I go fishing

1. Is logical entailment? (poin 20)
2. Using rule of inference, show that is a tautology. (poin 20)
3. Using rule of inference, prove that: (poin 40)

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| --- | --- | --- | --- |
| A) | Therefore, | B) | Therefore,  d. |

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