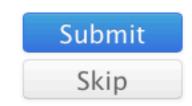**Which of the following is not part of a partial plan?**

○ A subset of the ordering constraints that will be part of the final plan.

○ Variable binding constraints for the parameters of the actions used in the partial plan.

○ A subset of the goal conditions that will be achieved by the final plan.

○ Links that record which actions achieve the preconditions of other actions in the plan.

Submit

Skip

Tick those statements that you believe to be true:

☐ For a causal link, the provider action must come directly before the consumer action.

☐ When an action is added to the partial plan, a causal link must also be added to record the rationale for adding the action.

☐ When a new action is added to the partial plan, a new set of variables representing all the operator's parameters must also be added to the plan.

☐ If the variables are typed, we do not need binding constraints.

☐ The ordering constraints must always define a total order on all the actions in a partial plan.

Submit

Skip

Tick those statements that you believe to be true:

☐ The initial search state, the empty plan, contains no actions.

☐ The initial search state, the empty plan, contains no causal links.

☐ The initial search state, the empty plan, contains no variable bindings.

☐ The initial search state, the empty plan, contains no ordering constraints.

Submit

Skip

Suppose the action a_k threatens the causal link a_i-[p]->a_j. Which of the following statements must then be true?
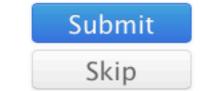
☐ Action a_j has p as a precondition.

☐ Action a_k has p as an effect.

☐ Action a_k must be ordered before a_j in the current plan.

☐ Action a_i may be ordered before a_k in the current plan.

☐ Action a_k is neither of the dummy actions, `init` or `goal`.

Submit

Skip

Tick those statements that you believe to be true:

☐ The PSP algorithm terminates if and only if it is given a flawless plan.

☐ Flaw selection represents a deterministic choice point, that is, PSP does not need to backtrack here.

☐ Resolver selection represents a deterministic choice point, that is, PSP does not need to backtrack here.

☐ Ordering and variable binding constraints must always be consistent during the planning process.

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