Name: _____

Part III: Simulation [/12]

1) **[1 Point]** When building a simulation model, how much details should you include?
   A. As precise as possible
   B. As precise as needed
   C. As precise as you like

2) **[1 Point]** Does simulation generate the optimal strategy/process (optimal solution) for my problem?

   A. Yes, sure, that is what I am waiting for.

   B. No, simulation supports decision- making by evaluating predefined options. This method requires decision- makers to have comprehensive knowledge of the topic to ensure the correct selection of a single option from a potential field of thousands, in order to arrive at the best possible outcome.

3) **[4 Points]** Please list 4 typical application environments of discrete event simulation.

4) **[6 Points]** What is digital twin? What is the difference between traditional simulation and digital twin?

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