Limitations of Simulation

i). Optimal results cannot be produced by simulation. Since the model mostly deals with uncertainties, the result of the simulation are only reliable approximation involving statical errors.

ii). The another difficulty lies in the qualification of the variables. In many situations, it is not possible to quantify all the variables which affect the behaviour of the system.

iii). In very large and complex problem it become difficult to make the computer program an account of large number of variables and the involved interrelationship among them. The number of variables may be too large and may execute beyond the capacity of the available computer.

iv). Simulation is costly and time-consuming process in many situations.