

## Assignment-1

1. What is system? Explain continuous & discrete system in detail. ....	1
2. Explain types of model in detail. ....	1
3. What is static physical model? Explain in detail about static market model. ....	1
4. What is dynamic physical model? Explain in detail about:.....	1
a. Wheel suspension system.....	1
b. Electrical system .....	1
5. What is distributed log model? Explain with suitable example. ....	1
6. Explain in detail about steps to be followed in simulation study with flowchart. ....	1
7. Write short notes on:.....	1
a. Advantages & disadvantages of simulation .....	1
b. Application of simulation .....	1

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