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Paper Code :DCS-214

Roll No.

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MCA-15, M.Sc.(CA)-14
2nd Year Examination, Calendar Batch 2016
Modeling & Simulations

Time : 3 Hours]

[Max. Marks : 100

*Note. Attempt any **five** questions. All questions carry equal marks.*

- Q. 1. Explain the Exponential Decay Model?
- Q.2. Describe the Logistic Curve.
- Q. 3. Explain the dynamic physical model.
- Q. 4. Explain the object oriented simulation.
- Q. 5. Explain the concept and principles in system modeling
- Q. 6. Describe the Stochastic Modeling & processes with system concept.
- Q.7. Explain the static physical model.
- Q. 8. What are the different types of simulation? Explain Pure-Pursuit Simulation problem.