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Roll No

MMCM-302(C) (Old)**M.E./M.Tech., III Semester**

Examination, November 2018

CI Process Inventory System**(Elective-II)****Time : Three Hours****Maximum Marks : 70**

- Note :** i) Attempt any five questions.
ii) All questions carry equal marks.

1. a) What is demand forecasting? What is the need of demand forecasting.
b) Name different qualitative methods of demand forecasting. Explain Delphi technique.
2. a) Explain the moving average method.
b) Discuss the advantages of using regression models.
3. a) Enlist the functions of inventory.
b) Discuss a basic inventory model.
4. a) Describe the purpose of production planning.
b) What is scheduling? What is master schedule?
5. a) Discuss the characteristics of Aggregate planning.
b) Write a brief note on time buckets.
6. a) What are inputs of a MRP?
b) State the advantages of good MRP.

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7. a) Differentiate between MRP and capacity planning.
b) What do you mean by supply chain management?
8. Write short notes on any two :
a) Forecast error and its measurement
b) Advanced inventory model
c) Resource planning
d) JIT
