

Code No: **K0321**

R07

Set No. 1

IV B.Tech II Semester Supplementary Examinations, July/August – 2017

PRODUCTION PLANNING AND CONTROL

(Mechanical Engineering)

Time: 3 hours**Max. Marks: 80**

Answer any FIVE Questions

All Questions carry equal marks

- 1 a) What are the various factors that affect PPC? [8]
b) What do you mean by continuous production? Describe various forms of continuous production system. [8]
- 2 a) Name and describe the various factors affecting sales forecasting. [6]
b) Describe the Survey of buyers intention method of sales forecasting with its advantages and limitations. [10]
- 3 a) Name and describe the various inventory models in brief. [8]
b) Describe the steps in the development of an EOQ formula indicating the assumptions made. [8]
- 4 a) Describe the various outputs of MRP system. [8]
b) State the benefits and demerits of JIT production system. [8]
- 5 a) Explain briefly the routing procedure. [8]
b) What is scheduling? How does it differ from loading? State the objectives of scheduling. [8]
- 6 a) Explain the different techniques of scheduling. [10]
b) Write different scheduling methods present in PPC? Explain them with an example. [6]
- 7 a) What is the significance of Expediting in PPC? [6]
b) What is line balancing? What is its importance in PPC? Explain it with an example. [10]
- 8 a) Write the benefits of use of computers in PPC. [8]
b) Explain the dispatching procedure in PPC. [8]