

**2005 JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY**

III B.TECH I SEMESTER SUPPLEMENTARY EXAMINATIONS  
**MANAGEMENT SCIENCE**  
 (COMMON TO ELECTRONICS & INSTRUMENTATION ENGINEERING, BIO-MEDICAL  
 ENGINEERING AND ELECTRONICS & CONTROL ENGINEERING)

NOVEMBER 2005

TIME – 3 HOUR  
 MARK – 80

**Answer any FIVE Questions**  
**All Questions carry equal marks**

1. How did F.W Taylor propose to modify the functioning of foremen? [16]
2. What is planning? Explain the benefits and limitations of planning. [16]
3. Give the applications of
  - (a)  $\bar{X}$  Rcharts
  - (b) P charts
  - (c) “C” Chart [4+4+8]
4. What are the objectives of wage and salary administration function? (d) Earnest money and Security deposit
6. Write short notes on
  - (a) safety stock
  - (b) Bin card
  - (c) Lead time [5+5+6]
7. Explain in details about constructing a network diagram. What are the Points to be kept in mind for drawing network. [16]
8. Write a critical note on project crashing. [16]