UNIT-III
4. a) What are the plant location factors? Explain 9
   OR
   b) What are different plant location models? Explain 9

UNIT-IV
5. a) Explain different Time study Techniques 9
   OR
   b) Write in detail about Ergonomics 9

UNIT – V
6. a) The demand of a particular item is 12000 units/year. The setup cost per run is Rs.350 and the holding cost is Rs.20 per unit per month. If the shortages are allowed and the replacement is instantaneous, determine (i) the optimum run size (ii) the optimum scheduling period and (iii) minimum total annual cost 9
   OR
   b) Explain control charts for attributes and control charts for variables 9

[41/VIIT/311]