Model Question Paper for Online Examination

Optimization Models 2

1. The correct formula out of the following is:

a. Cost Slope = (CC-CD)/ (ND-NC)
b. Cost Slope = (CC-NC)/ (ND-CD)
c. Cost Slope = (NC-CD)/ (ND-CC)
d. Cost Slope = (CC-ND)/ (CC-NC)

2. If given AP is unbalance and is for maximization, the first step to get the optimum solution is _____

a. Hungarian method directly applied
b. Check if MODI method is applicable
c. Treat the problem as GPP
d. Use dummy row/ dummy column and convert the problem into balanced AP.

3. Only _____ method gives optimum solution in TP.

a. Stepping stone or Loop
b. Hungarian
c. VAM
d. MODI

4. Crashing Cost exists only in _____

a. PERT-NWA
b. CPM- NWA
c. PERT- MODI
d. CPM- VAM

5. 'Saddle Point' may exist in a problem of _____

a. DPP
b. Game Theory
c. NWA
d. AP and TP