Group - II

 Course: Operations Research Assignment

1.Find the IBFS for the following Transportation model problem by North West Corner (NWC) method.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|   |  D1 |  D2 |  D3 |  D4 | Availability |
|  O1 |  6 |  2 |  2 |  4 |  10  |
|  O2 |  7 |  3  |  4 |  6 |  30  |
|  O3  |  4  |  3 |  2 |  8 |  60 |
| Requirement  |  20 |  30 |  30 |  20 |  |

2.Find the IBFS for the following Transportation model problem by Least Cost Method.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  D1 |  D2 |  D3 |  D4 | Availability |
|  O1 |  2  |  3 |  5 |  6 |  20 |
|  O2 |  3 |  2 |  4 |  7 |  40 |
|  O3 |  4  |  2 |  3 |  8 |  40 |
| Requirement |  10 |  30 |  40  |  20 |  |

\*In the Group – II the following students have to solve the above problems in A4 size paper and submit.

1.Dali Toma Mansor.

2.Derya Dler Abdulwahab.

3.Dildar Muhammed Khidir.

4.Karzan Hassan Othman.

5.Lavan Peshtiwan Othman.

6.Lavin Rzgar Salah.