Group - III

 Course : Operations Research Assignment

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  D1 |  D2 |  D3 |  D4 | Availability |
|  O1 |  8 |  6 |  7 |  1 |  70 |
|  O2  |  2 |  3 |  4  |  5  |  20 |
|  O3 |  9 |  2 |  9  |  1 |  10 |
| Requirement |  10 |  10  |  10 |  70 |  |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  D1 |  D2 |  D3 |  D4 | Availability |
|  O1 |  1 |  2 |  3 |  4 |  30 |
|  O2 |  2 |  3 |  5 |  6 |  40 |
|  O3 |  7 |  5  |  3 |  4 |  30 |
| Requirement |  40 |  30  |  10 |  20 |  |

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

1.Mahmood Zirak Salahaddin.

2.Manar Fadhil Kojes.

3.Mina Mohammed Ali Omar.

4.Mohammed Ali Omar.

5.Mustafa Salih Khdir.

6.Nuhara Ada Aywan.