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.

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2.Manar Fadhil Kojes.

3.Mina Mohammed Ali Omar.

4.Mohammed Ali Omar.

5.Mustafa Salih Khdir.

6.Nuhara Ada Aywan.