Group - I

 Course: Operations Research – Assignment

1.Find the IBFS for the following Transportation Model at North West Corner method (NWC).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|   |  D1  |  D2 |  D3 |  D4 | Availability |
|  O1 |  3 |  2 |  8 |  4 |  20 |
|  O2 |  7  |  3 |  4 |  6 |  40 |
|  O3 |  4 |  2 |  2 |  6 |  40 |
| Requirement |  10  |  70 |  10  |  10 |  |

2.Find the IBFS for the Following Transportation Model at Least Cost Method.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  D1 |  D2 |  D3 |  D4 | Availability |
|  O1 |  1 |  2 |  3 |  4 |  40 |
|  O2  |  2  |  4 |  6 |  7 |  20 |
|  O3 |  3 |  6 |  8 |  9 |  40  |
| Requirement |  50 |  20  |  20 |  10 |  |

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

1.Ahmed Mohammed Ali Salim.

2.Ali Muhammed Younis Ali.

3.Andy Adnan Saldah.

4.Ari Najmadin Abdulrahman Qadir.

5.Aya Govand Salih.

6.Bahra Rafaeel Dawood.