Group – V

 Course : Operations Research Assignment

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  D1 |  D2 |  D3 |  D4 | Availability |
|  O1 |  6 |  7 |  8 |  9 |  60 |
|  O2 |  7 |  8 |  5 |  6 |  20  |
|  O3 |  4  |  3 |  2 |  7 |  20 |
| Requirement |  20 |  40 |  20 |  20 |  |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  D1 |  D2 |  D3 |  D4 | Availability |
|  O1 |  2 |  5 |  7 |  8 |  20 |
|  O2  |  3 |  8 |  9 |  4 |  40 |
|  O3 |  4 |  6 |  7 |  5 |  40 |
| Requirement |  40 |  10 |  10 |  40 |  |

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

1.Twana Jabbar Ahmed Hamad.

2.Yasin Yasin Mohammed.

3.Zainab Muhammed Abdullah.

4.Zana Jabbar Ahmed Hamad.

5.Zeynep Kamil Hasan.