Group – IV

 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 |  1  |  6 |  9 |  8 |  10 |
|  O2 |  2 |  3 |  4  |  5 |  50 |
|  O3 |  7  |  6 |  5 |  4 |  40 |
| Requirement |  50 |  20 |  10 |  20 |  |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  D1 |  D2 |  D3 |  D4 | Availability |
|  O1 |  2  |  3 |  4 |  5 |  50 |
|  O2 |  3 |  4 |  6 |  7 |  30 |
|  O3 |  8 |  5 |  6 |  9  |  20 |
| Requirement |  50 |  20 |  10 |  10 |  |

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

1.Rafeh Ahmed Mohammed.

2.Rawand Tofiq Yousif Hermz.

3.Roney Muneer Patrus Abdulahad.

4.Rozh Ahmed Mohammed.

5.Shahnaz Fahri Bradosti.

6.Tafreen Alaadeen Hossein.