



Faculty of Computers & Artificial Intelligence

2st Term (2019-2020) Final Exam

class: main stream year 2nd level

Course Code:

Course name: Operations Research

Research submission: From 31 May to 7 June 2020



Benha University

Final Date: 7 / 6 /2020

Total Marks: Pass / Fail

Examiner(s): Dr. Eman Monir

a) Write a research project in ONE of the following topics:

Topic No. 1

1. A study on applications of transportation problem to minimize cost in various organization (case study).

Topic No. 2

2. Simplex Optimization of Production (case study).

Topic No. 3

3. Using Linear Programming in real life problems (case study).

Topic No. 4

4. Using Network models in real applications (case study).

Topic No. 5

5. The linear programming model for find Optimal of available resources.

Topic No. 6

6. The decisions making process using the assignment algorithm.

Topic No. 7

7. The business network models for decisions making.

Topic No.8

8. The decisions making process using the transportation algorithms.

Topic No. 9

9. The uses of operations research in the military field.

Topic No. 10

10. Operations Research Uses in Business Administration.

b) Notes: please, your research must contain the following elements:

GOOD LUCK,

Examiner(s)

**Head of Department /
Program Coordinator**