



**Research Methodology and Programs
Level (4) - (ARC4126)
Final Exam - First Semester - 2018/2019**

***Part (1) Theoretical Background a.1, c.2**

Question (1) (5 grades)

- Define a scientific research ? 2
- When we use The mixed multiple methods approach? 3

Question (2) (5 grades)

- What are the purpose of reviewing the literature ? 2
- What are the main considerations when we select a research problem ? 3

Question (3) (5 grades)

- What are the main sources for collecting secondary data ? 3
- What are the ways of administering a questionnaire ? 2

***Part (2) Practical Case Study**

Question (4) (10 grades) **b.8, b.12, c.2**

According to preparing a proposal for scientific research in one of architecture and urban planning fields, then answer the following points if the research title is:

"New Approach for Upgrading Informal Settlements in City of Tanta".

- What is The Research Problem ? 2
- Set The Research Objectives ? 2
- Propose A Research Methodology ? 6
 - Adopted Approach
 - Types and Methods of Data Collection

Question (5) (10 grades) **a.10, c.7**

According to preparing a proposal for project programme in one of Kfr El Sheikh cities, then answer the following points:

- What is the main project function, and the impact on the city development? 3
- Define the project location and analyze the spatial relation using sketch ? 3
- What are the main components and the functional relation of the proposed project (draw a diagram) ? 4

**Good Luck
Dr. Heba Soliman**