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**Research Methodology and Programs  
Level (4) - (ARC4126)  
Final Exam - First Semester - 2019/2020**

**\*Part (1) Theoretical Background a.1, c.2 (17 grades)**

**Question (1) Complete these sentences**

- The definition of term "scientific research" is ..... 2
- The Types of research from application perspectives are ....., ..... 2
- We use the mixed method approach when ....., ....., ..... 3
- A literature review has the following functions ....., ....., ..... 3
- The main considerations when we select a research problem are ....., ....., ....., ..... 2
- The problems with using observation as a method of data collection are ....., ..... 2
- The different between Structured and Unstructured Interview is ..... 1
- The advantages of a questionnaire are ....., and the disadvantages are ..... 2

**\*Part (2) Analytical Case Study b.8, b.12, c.2 (10 grades)**

**Question (3):** According to your preparation a proposal for scientific research in one of architecture and urban fields, answer the following questions if the main research topic is: "**Preparation of Comprehensive Development Scheme to Kfr El- Sheikh City**".

- Select a Research Title? 2
- Identify The Research Problem? 2
- Set The Research Objectives? 2
- Propose A Research Methodology? 4
  - Adopted Approach
  - Types and Methods of Data Collection

**\*Part (3) Practical Project a.10, c.7 (8 grades)**

**Question (4):** According to your preparation of proposal for project programme in one specific locations in El-Fayoum city, answer the following questions:

- What is the main function of the proposed project, explain how the advantages of location and its spatial relation direct you to suggest the project function? And then determine the different proposed components for building and internal/external spaces of your project? 5
- What are the benefits of implementation this proposed project for the city development, explain that from urban, social/economic, and environmental aspects? 3

**Good Luck  
Dr. Heba Soliman**