

Menoufiya University
Faculty of Engineering
Shebin El-Kom
First Semester Examination
Academic Year: 2013-2014



Department: Architectural Eng.
Year: Postgraduate
Subject/Code: موضوعات مختارة / URB 690
Time Allowed: 3 hours
Date: 23/1/2014

Allowed Tables and Charts: *(None)*

This exam measures ILOS no. :(a1, a12, b7, c4, d3)

Total Mark

[100 Marks]

Answer all the following Questions

Question (1)

Marks

[60]

(a) An academic research paper could be argumentative or analytical.

Define the following:

1. Academic research paper [5 marks]
2. Argumentative research [5 marks]
3. Law, theory, Metaphor, and Model [5 marks]
4. Urban planning and urban management [5 marks]
5. Methodology and Methods [5 marks]
6. Classical deductive approach for theory construct versus grounded theory [5 marks]

(b) Read the following abstracts and state whether they are argumentative or analytical giving reasons.

Abstract:

[30 marks]

Sustainable urban development is essential to enhance the quality of life of the citizens and to decrease the impact of cities upon resources outside the urban context. Redeveloping and planning green spaces and urban structure become the fundamentals of the sustainable urban planning of a city. An effective urban planning using recent technology is required to contribute to the physical and social development of the cities through promoting the land value and the local economy. This paper aims to develop a framework to maintain ecological balance and organization of the urban green areas, using new techniques that assist in effective planning of green areas. Land suitability analysis and ecological threshold methods based on GIS techniques are applied on one of the Egyptian new cities (i.e., El-Sadat city).

Results revealed that the green ways could be developed to play a more significant role in bringing nature into the city. This paper suggests a method of green network planning that would help in enhancing the connectivity and reduce fragmentation though integrated greenway system. Finally, an ecological base for building an eco-city of El-Sadat in the future is proposed.

Question (2)

[40 marks]

Based upon the solid waste management as a service, discuss the **Topic scope** that begins by a short introduction about the topic, and then answer the three research basic questions:

1. **What** of your research?

This question is answered by building the logic of your research and should include specifications of research questions, research problem and research objectives

2. **Why** of the research?

This question is answered by explaining the research significant and how it contributes to the body of knowledge concerning the topic under investigations.

3. **How** of the research?

This question is answered by providing the methods that will be adopted to reach the research objectives (theoretical analytic methods are usually employed in almost all the research. While some research objectives require empirical fieldwork such as a questionnaire survey, interviews, life interviews, or a combination of these depending on types of data need it and the appropriate tools for gathering it

Good Luck,

Dr. Ibrahim Sedki Ibrahim,

Professor.Faisal Abd El Maksoud

Professor. Ahmed El Kholei

Professor. Mahmoud Amin,