

Menoufiya University
Faculty of Engineering
Shebin El-Kom
First Semester Examination
Academic Year: 2015-2016



Department: Architectural Eng.
Year: 3rd year
Subject/Code: Building Economics
/ ARC 311
Time Allowed: 3 hours
Date: 18/1/2016

Total Mark

[40 Marks]

Answer all the following Questions

Marks

Question (1)

[15]

- 1- What is building economics? And what are the main aspects of recurring Building economics problems?
- 2- Discuss the role of architect designer decisions that affect building economics?
- 3- What are the methods for estimating the initial costs of building projects?

Question (2)

[15]

- 1- Analyze and draw break-even analysis?
- 2- Are the following statements true or false? **Explain your answer.**
 - a. The elasticity of demand is the same as the slope of the demand curve.
 - b. The supply of apartments is more inelastic in the short run than the long run.
 - c. The law of supply says that, all other things remaining equal, as the price of a good increases (decreases), the quantity of that good supplied will increase (decrease).
 - d. The law of demand states that, all other things remaining equal, as the price of a good increases (decreases), the quantity of that good demanded will decrease (increase).

Question (3)

[10]

What are the differences between building economics efficiency and building economic optimization?

Good Luck,,,,,
Dr. Ibrahim Sedki Ibrahim.
Dr. Mohamed Ibrahim

هذا الامتحان يقسم المخرجات التعليمية المستهدفة التالية										
3	2-2	1-3		2-1	2-2	2-2	2-1	1-2	1-1	رقم السؤال
c8-1	c8-1	c4-1		b5-2	b4-1	a5-2	a5-2	a5-2	a2-1	المهارات
المهارات الاحترافية			المهارات الفكرية			مهارات المعرفة والفهم				