

Kafrelsheikh University
Faculty of Engineering
Architecture Engineering Department
Year: Third Subject: Theories of architecture 3
Number: ARC3116



Date: -12-2017
Time allowed: 3h
Full Mark: 70
Final Exam: 1 page
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Theories of Architecture 3

The exam includes the following ILOS: A.7, B.2, D.7, B.9, C.6, B.5

First Question (ILOS A.7, B.2 – 10 credit):

"Ornament and crime" was a lecture done by Adolf Loos in 1910 – Discuss his argument then explain Adolf Loos's practical approach through his concept of Raumplan.

(emphasis your answer through sketches, 3 points)

Second Question (ILOS A.7, B.2– 15 credit):

Explain in details the four functions of the city, declared in Athens charter in 1933 (II phase of the CIAM) – emphasis your answer through discussing la ville radieuse planning project.

(emphasis your answer through sketches, 5 points)

Third Question (ILOS D.7– 20 credit):

According to your personal readings Investigate the following:

- 3-5 - Mies Van Der Rohe's expression of Technique through the different stages of his architectural work (wall to column relation)
- 5 - Identifying his philosophy about technology
- 3-5 - Explore Schinkel's influence on Mies's Crown Hall Building, and mentioning the similarities and differences with the Palladian compositions.

(emphasis your answer through sketches, 5 points)

Fourth Question (ILOS B.9, C.6 – 20 credit):

Define the meaning of Monumentality and compare between the Monumentality expressed by Le-corbusier and that of Luis Khan through practical projects for both architects in Chandigarh and Dacca.

(Emphasis your answer through sketches, 5 points)

Fifth Question (ILOS B.9, B.5 – 5 credit):

Investigate the reasons for not-repeating or copying Frank Lloyd Wright's towers, in contrast with Mies van der Rohe in the American context – discuss your answer through the practical work of both architects.

(Emphasis your answer through sketches, 2 points)

All My Best wishes
Dr. Doaa Salaheldin Ismail Elsayed