



## Theories of Architecture 3

- The exam includes the following ILOS: A.17, A.19, B.21, B.20, B.10, D.9
- Use only pencils and Blue/black pens
- Answer only in the assigned spaces for the answers

**First Question (ILOS A.17, A.19, B.21, B.20, B.10, D.9 – 20 credit):**  
**Choose the correct answer between a, b and c:**

- 1- Boullée expresses modernity in his building .....  
(a. Palais Garnier - b. cenotaph Newton - c. Castel Berganger )
- 2- Mies van der Rohe expressed monumentality through .....  
(a. Brutalism - b. double facades - c. Technique)
- 3- The first phase of the CIAM was named by the .....  
(a. Functional city - b. La Saraz declaration - c. Athens charter)
- 4- Mies van Der Rohe was the director of the .....  
(a. Massachusetts institute of technology - b. Illinois institute of technology - c. Yale University)
- 5- LeCorbusier learned how to use reinforced concrete in the office of .....  
(a. Peter Behrens - b. Paul Otlet - c. Auguste Perret)
- 6- Ornament in architecture was a book written by .....  
(a. Luis Sullivan - b. LeCorbusier - c. Adolf Loos)
- 7- The complexity of Price tower for Frank Lloyd Wright was in .....  
(a. Glass and steel sections - b. Interlocking trays - c. Territorial scale)
- 8- The modern project in the USA achieved popular victory but lost something of its .....  
(a. Radicality - b. Soul - c. Adaptation)
- 9- LeCorbusier in Raunchapchurch design reflected the preexisted ..... in the area.  
(a. Monestry - b. Anglo-Saxon church - c. Sun temple)
- 10- Durand established a ..... through a modular fixed plan type.  
(Napoleonic code - Palladian Code - Urban Code)
- 11- Dessau was an ideal location for the Bauhaus due to its ..... activities  
(a. Industrial - b. Cultural - c. Artistic)
- 12- Robert Venturi was against the architecture of .....  
(a. Le Corbusier - b. Alvaró - c. Mies van DerRohe)
- 13- Post modernism reacted against .....  
(a. International style - b. Classical architecture - c. Beaux Art school)
- 14- ..... was named the father of modern sky scrapers

(Mies van Der rohe - lecorbusier - Luis Sullivan)

15- Villa Lido for loos was the type-form for Lecorbusier in designing .....  
(a. Villa Muller - b. Villa Savoye - c. Villa Garaches)

16- Mies vander Rohe and .....immigrated to the USA in 1937, but each one of them had different experience than the other.  
(a. Luis Sullivan - b.Luis Khan - c. Walter Gropius)

17- Guggenheim museum of frank lyod wright reflected the concept of .....  
(a. Symmetry- b. spirituality - c. Evolution)

18- Vernacular architecture enriched the .....style of lecorbusier  
(a. organic - b. Cubist - c. Purist)

19- Fateh Pur Skiri was an inspiration for Lecorbusier in designing .....  
(a. Ronchamp - b. Chandigarh - c. Unite D'Habitation)

20- Architecture as a system of signs was one of the principals of .....  
(a. Metabolic architecture - b. Modern architecture - c. Post modern architecture)

**Second Question (ILOS A.17, A.19, B.21, B.20, B.10, D.9 – 20 credit):**

**Put ✓ or x in front of the following sentences and correct the wrong ones:**

1- Secessions-stil. was one of the movements representing Art Nouveau in France.  
( ) .....

2- Monumentality is related to the buildings size, scale and height.  
( ) .....

3- The plan of volumes describes the Free plan concept for lecorbusier  
( ) .....

4- Eero sarinen was the student of Luis khan in Yale university and the protagonist for post modernism. ( ) .....

5- Luis Khan introduced perceived design design as being absolute-Neutral and timeless.  
( ) .....

6- One of the products of the second phase of the CIAM was Venice charter.  
( ) .....

7- Chandigarh was a city developed by lecorbusier and was composed of 24 skyscraper  
( ) .....

8- During the 1940s America was in need to break with the 19<sup>th</sup> century architecture.  
( ) .....

9- In 1925 the far wright won the election of Dessau and decided to shut the Bauhaus  
( ) .....

10- CIAM meetings underlined the main principals of modern movement against post modernists  
( ) .....

**Third Question (ILOS A.17, A.19, B.21, B.20, B.10, D.9 – 10 credit):**

**Fill-In the missing spaces with the correct words:**

1- The first steps towards modernity started by the French revolutionary architects .....and .....

- 2- .....is defined as the juxtaposition of contrasting materials, which is one of the concepts adopted by Lecorbusier.
- 3- Mies van Der Rohe had an attitude towards glass, integrating the two dichotomis of ..... and .....
- 4- Unite d'habitation was composed of a .....morphology but la ville radieuse was composed of a .....
- 5- Working, living, circulation and recreation where replaces by ..... , ..... and ..... By Alison and Peter Smithsons.
- 6- The passion to the vernacular of English art and crafts movement which inspired adolf loos is called .....
- 7- Art nouveau in France was led by the Architect .....
- 8- Gropius was the director of .....school of architecture in the USA.
- 9- Frank Lyod wright had the reflection and analogy of .....in the Price tower of Oklahoma.
- 10- The concept of .....was developed by young Japanese architects like Kenzo Tange during the 2<sup>nd</sup> word war reconstruction process.

**Fourth Question (ILOS A.17, A.19, B.21, B.20, B.10, D.9 – 20 credit):**

**Answer the following Questions only in the assigned spaces:**

- 1- Define monumentality between the two world wars and its transformation after the 2<sup>nd</sup> world war – stating the reasons for this change in perception (Support your answer with sketches-(2 credits for sketches, 3 credits text)).
- 2- Indicate the relation between Idea- Order and Drawing in Luis khan architecture

Answer of (1), Text	Sketches

Answer of (2)
Idea

Order
Drawing

2- Compare between the Design of the National assembly building in Dacca for Luis Khan and the design of Chandigarh for Lecorbusier, in terms of urban planning and relation to history and culture. Support your answer with sketches. (5 credits text – 5 credits sketch)

National assembly building in Dacca (text)	Sketch
Chandigarh for Lecorbusier (text)	Sketch

**All My Best wishes**  
**Dr. Doaa Salaheldin Ismail Elsayed**