



Theories of Architecture and Criticism

- The exam includes the following ILOS: A.17, A.19, B.4, B.10, B.20, D.7
- Use only pencils and Blue/black pens
- Answer only in the assigned spaces for the answers

First Question (ILOS A.17, A.19, B.4, B.10, B.20 – 20 credit):

Choose the most correct answer between a, b and c to complete the following sentences:

- 1- The façade in Daniel Libskind museum was treated as a
(a. Map - b. Symbol - c. sign)
- 2- Parametric design encourages the of the architect
(a. development - b. retirement - c. isolation)
- 3- The standard of objective criticism are related to the surrounding environment and cultural conditions.
(a. Objective b. Value c. contextual)
- 4- Italy after the 2nd world war suffered phobias against reconstruction due to
(a. Financial conditions- b. lack of architects - c. Rich culture)
- 5- Archigrams were influenced by the approach of Buckminister Fuller.
(a. Technological- b. Environmental c. Social)
- 6- level in criticism involves a description of the project using sketches and photographs.
(a. Exposition - b. Description – c. Judgment)
- 7- Architectural space is static, but gains certain dynamism in flow
(a. Time - b. speed – c. frame)
- 8- For a theory to be maintained and continued it needs through practical applications.
(a. identification – b. verification - c. presentation).
- 9- The city of tomorrow for lecorbusier is considered an example for a structure
(a. semilattice – b. Tree- c. Complex).
- 10- Mobius House in Netherlands mainly used parametric software's to achieve
(a. Structural calculations - b. curve to curve calculations - c. continuous surface)
- 11- The demolition of..... project represented the rise and fall of modernist architecture.
(a. Pruitt igoe b. London East c. East Harlem)
- 12- Compared the plug in city vision to the Japanese Metabolism
(a. Rayner Banham - b. William Curtis - c. Kenneth Frampton)
- 13- is defined as the plane area in front and behind the object which is focused on while being photographed.

(a. Montage - b. Dimension and depth - c. Perspective)

14- With the new construction of motorways in America in the 1950s the social class moved to the suburbs.

(a. Middle - b. Poor - c. High)

15- Masters like lecorbusier, Alto, Utzon, where the neutral modern buildings of the 1950s.

(a. encouraging - b. supporting - c. against)

16- is one of the attitudes in reading space in movies, when space is read from its time and history of representation.

(a. Looking through film b. Looking at film ; c. looking beyond film)

17- social housing projects were constructed in PREVI experimental urban housing.

(a. 23 - b. 24 - c. 26)

18- is one of the urban renewal development projects.

(a. Broadacre city- b. East London - c. Central Park)

19- The house is a machine for living in is a theory that proved it's during late 40s.

(a. success - b. failure- c. discard)

20- Cinema came to life by the addition of to photography.

(a. motion - b. color c. after effect)

Second Question (ILOS A.17, A.19, B.4, B.10, B.20 – 20 credit):

Put ✓ or x in front of the following sentences:

1. Architectural criticism is the set of principals that guide the architect in making decisions about the complex problems.
2. Previ project targeted families of the middle class.
3. Christopher Alexander stated that the tree in his article is a green tree with leaves.
4. The fun palace was designed by Cedric price
5. The current challenge in parametric design is to train architects to become end-users of parametric software's.
- 6- The Jewish museum by Daniel Libskind was the first Jewish museum built in Berlin.
- 7- Film-making is a vision of the fusion of space and time.
- 8- During the post war period all countries were passionate for reconstruction.
- 9- Kraus and Sanguinetti in 2011 stated that parametric architecture in general is analogous to traditional architecture.
- 10- Criticism is the art of judging the qualities and values of an aesthetic.
- 11- The Archigrams were inspired by historical architecture and rich cultural heritage.
- 12- Parametric thinking addresses a new attitude of mind.
- 13- Cinema uses the images produced by photography to reproduce movement.
- 14- Ruth Glass's redevelopment plan in England adopted a Semi-Lattice structure in its planning.
- 15- Ron Herron designed the walking city in the 1990s.
- 16- PREVI project in Chile defined a new urban principles.
- 17- Criticism had begun since man had the capacity to perceive his surrounding; it began with short judgmental statements while stating its reasons.
- 18- Evaluation level in criticism occurs through comparing it with other work of the same function and time period.
- 19- According to the critical article discussing the Jewish museum by Danial Libskind the signage of the Star of David was clear in the design.
- 20- In the 1960s architecture introduced a repressed creativity and implosion of Utopia.

Third Question (ILOS A.17, A.19, B.4, B.10, B.20– 20 credit):
Fill-in the missing spaces with the correct words:

- 1- After the development of the human mind and his aesthetic senses and perceptions man began to mention for his judgments but without having
- 2- approaches found its roots in Jane Jacobs work.
- 3- The Project was the first federal construction project of motorways in the USA during the 1956, which was mentioned in Jane Jacob's article.
- 4- Critics on parametric architecture usually emphasis on the parametric rather than the designer's.....
- 5- In cinematography is defined as images that have been taken in various places, spaces and time, are juxtaposed sequentially.
- 6- Daniel Libskind in the Jewish museum performed a relation with the old Kollegienhaus building through
- 7- The spirit of cinema is not in images but in
- 8- The cladding of the Jewish museum which is made of was compared to the cladding of.....museum, which is made of
- 9- Developing or demolishing poor urban areas was part of project in Europe and theproject in the united states, after the 2nd world war.
- 10- Jane Jacobs tools in studying the city are based on and
- 11- The Jewish museum had three main axis, which are the axis of ,the axis of ,and the axis of
- 12-criticised parametric design and stated that computers are deterministic and not creative.

Fourth Question (ILOS A.17, A.19, B.4, B.10, B.6, B.20, D.7– 10 credit):
Correct the underlined words with the suitable ones:

- 1- Frank Ghery used Grasshopper program for solving the structure of Guggenheim museum.
- 2- Carlo Scarpa was influenced by Lecorbusier as one of the masters of modernism.
- 3- The Exposition level of criticism is considered the connection between the theoretical base of the architect and the descriptive phase of criticism.
- 4- Jane Jacobs was against the orthogonal city planning.
- 5- The conceptual criticism is the process where the architectural work transforms from being a concept towards being physical studied work.
- 6- The value standards of the objective criticism criteria include the visions, values and believes that forms the social character.
- 7- The article entitled "The city is not a tree" is considered an example for conceptual criticism.
- 8- The UNIT in the article "'the city is not a tree'" is identified when relations are established between subsets.
- 9- Jabi mentioned in criticizing parametric architecture that users can change any of the drawings and the model will react and update it self accordingly.
- 10- One of the benefits of cinematography to architecture that it is considered a rigid tool for the architectural space.

All My Best wishes,
Dr. Doaa Salaheldin Ismail Elsayed