



Theories of Architecture and Criticism

- The exam includes the following ILOS: A.17, A.19, B.4, B.10, B.20
- 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 correct answer between a, b and c to complete the following sentences:

- 1- In the Mandaneum project the form of the spiral pyramid recalls the concept of.....
(a. Evolution - b. Restoration - c. Deconstruction)
- 2- Lecorbusier in the his defending article stated that helps the user to be creative and motivated.
(a. Functionality - b. Economy - c. Spirituality)
- 3- The architectural debate in post war reconstruction in France addressed territorial scale and discourses.
(a. Neo vernacular - b. Neo Classical - c. Eclectic)
- 4- Jane Jacobs was against Ebenzer Howards
(a. Radiant city - b. Functional city - c. Garden city)
- 5- designed extreme forms of expression, in Germany after the World War II.
(a. Egon Eierman - b. Matheus Ungers c. Hans Sharoun)
- 6- Jean Prove addressed the debate between art and technique in France distinguishing the.....
(a. Functional school and Beaux Art school - b. Politecnico schools and beaux art – c. Classical schools and functional schools)
- 7- Jane Jacobs Theories were an inspiration for contemporary urban design and the roots of.....
(a. New Urbanism - b. Ecological Urbansim - c. Cultural Urbanism)
- 8- Death and Life of great American cities is a reaction to the devastating results of post-war American
(a. Slum clearance program – b. urban renewal programs - c. Informal neighborhoods

destruction).

9- After the second world war the masters of modern movement stood out against neutral modern buildings which offered shelters, hygiene and functions but lacked

(a. Classical influences - b. Order and Rhythm - c. urban sensitivity)

10- Finland after the II world war was influenced by the architecture of

(a. Frank Lyod wright - b. Alvar alto - c. Aldo van Aycke)

11- Earnest Nathan Rogers was the director of

(a. Domus - b. Casabella - c. Neo Liberty)

12- Carlo Scarpa's work was mostly related to

(a. Deconstruction - b. Gentrification - c. Restoration)

13- The modern projects based on the influences of the surrounding landscape was presented in.....

(a. Architectural museum in Frankfurt - b. Rotonda house - c. Chieti students housing for Grassi)

14- Carlo Scarpa integration between old and new was clear in

(a. Talia Theatre - b. Castel Vecchio Museum - c. National museum of roman art)

15- The Archigram group was inspired by

(a. Buckminster Fuller - b. Earnest Nathan Rogers - c. Rayner Banham)

16- Pompidou Centre provided a model for the

(a. Plug in City - b. Walking city - c. Fun Palace)

17- In PREVI project in Lima the squared house module developed around a court yard was designed by.....

(a. James Stirling - b. Charles Corea - c. Kund Svenssons)

18- Mobius House in Netherlands used the parametric architecture to design

(a. structure - b. continuous surface - c. Elevation)

19 - Criticised parametric architecture and algorithmic thinking.

(a. Candilis - b. Listizky - c. Kostas Terzidis)

20- Archigram group was interested in the future cities in the after math of a nuclear power and they imagined the

(a. Geodesic Manhattan dome - b. Walking city - c. Fun Palace)

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

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

1- Methodology is the process where the architectural work transforms from being a concept towards being a physical studied work.

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2- Teige stated that, all things in this world are a product of the formula: function times aesthetics

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3- Conceptual criticism is the most common typology of criticism

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4- In 1941, New York's first high-rise public housing project was built in **East Harlem**.

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5- Jane Jacobs In Death and Life of great American cities presented the street as the main unit composing the city.

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6- LeCorbusier answered the critics of the Mandanium through his article entitled: Vers.Un Architecture

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7- After the II world war in France the idea was to reach new urban ensembles of public houses with topographical sensitivity.

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8- Archigram group was concerned of the social and ecological consequences in their mega structural proposals.

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9- One of the challenges of the 80's was the dispersed Metropolis with no fixed center.

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10- Georgio Grassi students housing - Chieti was inspired by the inherited traditions in the city

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

Fill-In the missing spaces with the correct words:

- 1- is the art of judging the qualities and values of an aesthetic object.
- 2- is a mental process for reviving facts, events and impressions, while is a way to recall previous architectural experiences.
- 3- After the destruction of the II world war countries like Italy had its own passion and phobias arising from
- 4- The project named designed by BBPR, was criticized by the English critic who accused it of its "**retreat From Modernism**".
- 5- The main concept of PREVI experimental project was based on in order to develop through time.
- 6- A contemporary research studied the changes occurred to PREVI project and published it in 2008 in a book entitled
- 7- project in Chile is a contemporary application for PREVI project.
- 8- considering Parametric architecture as complex free forms, elaborated by soft ware programs is a Impression.
- 9- The article entitled the architect's role in parametric design opens up possibilities of designers and architects not to be of soft ware programs but to be program designers.
- 10- stated that the tree in his article's title is not a green tree, but its the name of an abstract structure.

Fourth Question (ILOS A.17, A.19, B.4, B.10, B.6, B.20– 20 credit):

Answer the following Questions only in the assigned spaces:

1- *"if you want to create something new, search for that which is ancient"* Blomstedt, 1957, with the inspiration of these words discuss the Modernism based on classical Typologies of the past, and the Modernism based on inherited traditions (emphasize your answer with project sketches).

Modernism based on classical Typologies of the past (text)	Project Sketch
Modernism based on inherited traditions (text)	Project Sketch

2- Regarding your readings in the article entitled "The architect's role in parametric Design" answer the following:

a. Define the parametric architecture

b. Analyze its role in architectural design

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3- Regarding the article entitled *The city is not a Tree* for Christopher Alexander:

Highlight the meaning of a tree structure and the semi lattice structure, and emphasize your answer through drawing a diagram explaining both structures.

Tree Structure (definition)	Diagram
Semilattice (definition)	Diagram

4- Define the four missions and tasks of architectural criticism

1 st Mission	Explanation
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2nd Mission	Explanation
3rd Mission	Explanation
4th Mission	Explanation

All My Best wishes
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