

Course No: ARC 3309
Course Title: Theories of
Architecture
Date:13/01/2018
No. of Questions: (3)
Time: two hours
Using Calculator (No)

University of Palestine



Final Exam
2017/2018
Total Grade:50%

Lecturer: Dr. Hazem Abu-Orf
Dr. Mohammed
El Mougher

Student No.: _____
Student Name: _____
College Name: _____
Dep. / Specialist: _____
Using Dictionary (No)

الإجابة على ورقة الأسئلة...

Question One: (10 Marks)

Q1 A) Choose the right answer (5 Marks)

- 1) **For the Bauhaus school of architecture, a clear differentiation between building masses is according to function that results in**
 - A) our architecture adopted to our world of machines
 - B) flexibility and excellence of proportions
 - C) a design originating from each building's condition
 - D) adopting the criteria of using less technology, thereby causing the loose of connection
 - E) Neither of the above
- 2) **Late modernism is concerned in its philosophy with**
 - A) a practical attitude of how to approach architecture design
 - B) being symbolic and representative, in addition to pure elements and obvious unity
 - C) finishing the unfinished project of modernity
 - D) 'both-and' rather than 'either or'
 - E) All options
- 3) **Smooth silk texture considers contrast and smoothness but importantly being dynamic in its concept due to**
 - A) the form using glass surfaces, thereby helping to reflect scenes occurring outside on such surfaces
 - B) the use of different material, such as concrete
 - C) the design adopting to new changes
 - D) the design having large and light curving surfaces
- 4) **the key distinctions to twenties revivalism style of architecture lie in**
 - A) the use of white color as dominant in the elevation in the quest to emphasize purity
 - B) holding on simplicity while showing to a large extent abstraction
 - C) much attention to the interior while less is made to horizontal lines in the facade
 - D) The focus is on form disregarding its content
 - E) Neither of the above
- 5) **The Athens charter entails**
 - A) a distribution of housing that is allocated over the best sites, in addition to apartment vlocks being aligned along the key route transportation
 - B) a land use segregation, including living, recreation, working and also circulation
 - C) the organization of functional and rigid cities
 - D) that citizens have to be housed within not only high, but also widely-spaced apartment blocks
 - E) Neither of the above

Q1 B) tick \sqrt or X for the below statements (5 Marks)

- () Richard Meier attempts to rework modernism through holding on simplicity and the use of white color as dominant in the facade
- () Post-modernism has evolved from modernism but largely contradicts the latter's principles through the choice of unnecessary elements to be seen in the form

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- () Architecture style of 1st generation largely rejects adopting the principles inherited in traditional architecture. Instead, this style seeks in its philosophy individual solutions that place much emphasis on dictatorship
- () The style of extreme articulation places emphasis on the use of color, while there is an interplay between structure, form and interior, thereby offering a strong similarity
- () The style of **Mario Botta** adopts rectangular edges in his concepts while distances himself from simplicity or abstraction

Question Two: (25 Marks)

2A) Circle one appropriate concept related to each figure cited below (15 Marks)

<p>1- Time and nature for Louis Khan 2- Simple architecture 3- The emphasis on horizontality while adopting classical architecture 4- Materials are left exposed to express reality</p>		
<p>1- Constant architecture 2- Chaotic and messy architecture 3- Mega structure 4- Capsule design 5- 3+4</p>		
<p>1- Obvious unity while being simple 2- Contradiction & secrecy are key features 3- this with that 4- Pure elements</p>		

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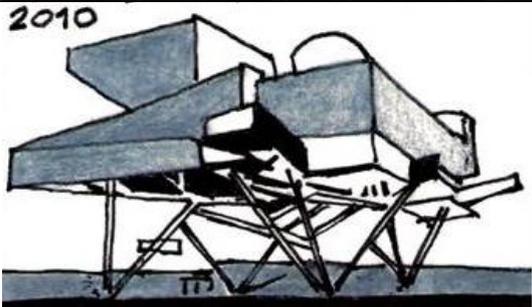


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<ol style="list-style-type: none"> 1- Simple architecture 2- Flexibility in the design 3- Ambiguity and tension 4- Finish the unfinished modernism through grid-system technique 	
<ol style="list-style-type: none"> 1- The form disregard the environment criteria and its content 2- A play with pure geometrical form 3- Being symbolic & representative 4- Rationality derives architecture 	
<ol style="list-style-type: none"> 1- The interlink between technology & architecture 2- The interplay between structure & space 3- Harmony to neighboring buildings 4- The design disregards the environment 	
<ol style="list-style-type: none"> 1- Plug-in city 2- The design of a living city 3- Metabolism 4- The design adopts the modern technology 	

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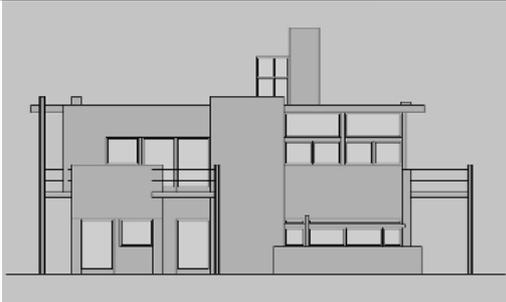


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<ol style="list-style-type: none"> 1- 1st generation of 20th century architecture 2- A design that seeks individual solutions while rejecting a traditional architecture 3- A design should intimidate nature but should be also contrast with it 4- All the above 	
<ol style="list-style-type: none"> 1- Less is more 2- Less is boring 3- A total segregation of the building with that of the surrounding 4- less is made to the interior design 5- None of the above 	
<ol style="list-style-type: none"> 1- This with that instead with this or that 2- Less is boring 3- Beauty in architecture is achieved through harmony between massiveness and openness 4- All the above 	
<ol style="list-style-type: none"> 1- Clean and simple design 2- Building slopes down from top to bottom 3- Simple curved, organic shapes 4- Neither of the above 	
<ol style="list-style-type: none"> 1- Simple architecture 2- A true model of architecture 3- Mass production 4- Simplified architecture 5- Contrast with neighboring buildings 	

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2B) Describe briefly the below concepts (answer only to 10 statements) (10 Marks)

A) “Building as it wants to be”

B) Constant architecture

C) “Architecture as a social art”

D) This with that instead of this or that

E) “Less is more”

F) Dynamic in smooth silk texture

G) “A building becomes architecture when it not only works effectively but moves the human soul”

H) a true model (Bauhaus)

I) A simplified architecture (Distjl)

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J) The Functional City

K) Capsule design

L) Complexity & contradiction (Postmodernism)

Question Three: (15 Marks)

The statements cited below in the three columns are not in order or they have not been placed in the right column. Re-arrange them in the right column within the given table

Modernism	Late modernism	Postmodernism
Less is boring	Less is more	High-tech architecture
pragmatism	this with that instead of this or that	Second-machine aesthetic and extreme articulation
Finish the unfinished project	Much attention to the form while less is made to the interior	Buildings as it wants to be
Robert Venturi & Mario Botta	Simplification and obvious unity	Ornament is a crime
Complexity, contradiction and plurality	Bauhaus and Distijl	Rejects history and call for aesthetic aspect of architecture through simplicity and abstraction

Your answer:

Modernism	Late modernism	Postmodernism

End of Questions

Good Luck