

Course No: ARC  
Course Title: Architecture theories  
Date: 2018/11/26  
No. of Questions: 2  
Time: One hour  
Using Calculator (No)

University of Palestine



Midterm exam 2  
2018/2019  
Total Grade:15%

Course lecturer: Dr Hazem Abu-Orf  
Student No.: \_\_\_\_\_  
Student Name: \_\_\_\_\_  
Department: \_\_\_\_\_  
Faculty: \_\_\_\_\_  
Using Dictionary (No)

الإجابة على ورقة الأسئلة

### Question One: 10Marks

#### A) Choose the right answer only

5 Marks

**A) The rebirth of Monumentalism formed through art-pre concepts sheds light on a rather new era of architecture that is known as**

- 1) Blob architecture
- 2) Brutalist architecture
- 3) Abstract architecture
- 4) Glass architecture
- 5) Taut's Alpine architecture

**B) Di Stijl is represented as art picture that uses besides harmony and purity**

- 1) Simplified visual composition
- 2) minimal resources
- 3) monolithic materials
- 4) a subjective perspective of 'self-expression'
- 5) none of the above

**C) Cubism in contrast to Mies Van der Rohe declines simplicity as solely being seen from abstract terms and instead suggests that a simple architecture might be conceptualized from the perspective of**

- 1) distancing the design from exaggerative use of ornament
- 2) the quality of an object
- 3) using pure geometrical forms
- 4) 'a more realistic way of seeing'
- 5) social economy

**D) The key for structural rationalism in accord to Viollet-Le-Duc's theory is**

- 1) the artistic question of symmetry and apparent form
- 2) materials' qualities and properties
- 3) how to be true?
- 4) materials and their nature that are inseparable
- 5) the nature of materials

**E) Glasgow School of Art is considered as Art Nouveau due to**

- 1) using stone instead of iron with large opening
- 2) Madsen classification antagonism
- 3) contrasting plain walls with glazed surfaces
- 4) empowering glass over stone through large openings
- 5) Linear and rigid surfaces

**G) Functionalism for Le Corbusier considers**

- 1) The impact and importance of glass
- 2) function as being very essential
- 3) design starts from a basic geometric shape
- 4) simplicity and the absence of ornament
- 5) all the above

**H) Reference to architecture from the past and messy and chaotic nature refers to**

- 1) Cubism
- 2) Abstract architecture
- 3) Art Deco
- 4) Postmodernism
- 5) modernism in architecture

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**O) Mies van der Rohe has contributed to a style of architecture which adopts simple and pure rectangular shapes which is labeled as**

- 1) Functionalism
- 2) High tech architecture
- 3) International style
- 4) 1+3
- 5) simple architecture

**J) The key distinction between 1<sup>st</sup> and 2<sup>nd</sup> Chicago Schools lies in**

- 1) structural system
- 2) a three dimensional system of tube frame
- 3) braced frames of sheared walls
- 4) 1+2+3
- 5) all the above

**S) The focus in De Stijl is not of form, rather it is on \_\_\_\_\_**

- 1) simplified composition
- 2) Pure abstraction of surfaces
- 3) primary colors
- 4) 1+2+3
- 5) none of the above

**B) Please briefly explain the below concepts** (use sketches to support your answer where appropriate) (5 Marks )

**Simple Architecture**

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**The idea of relativity**

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**Honesty in architecture**

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**One room theory**

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**Scandinavian modernism**

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**Building turns inside out**

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**Modern architecture and design**

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**Living things**

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**Prairie Style**

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**Streamlined design**

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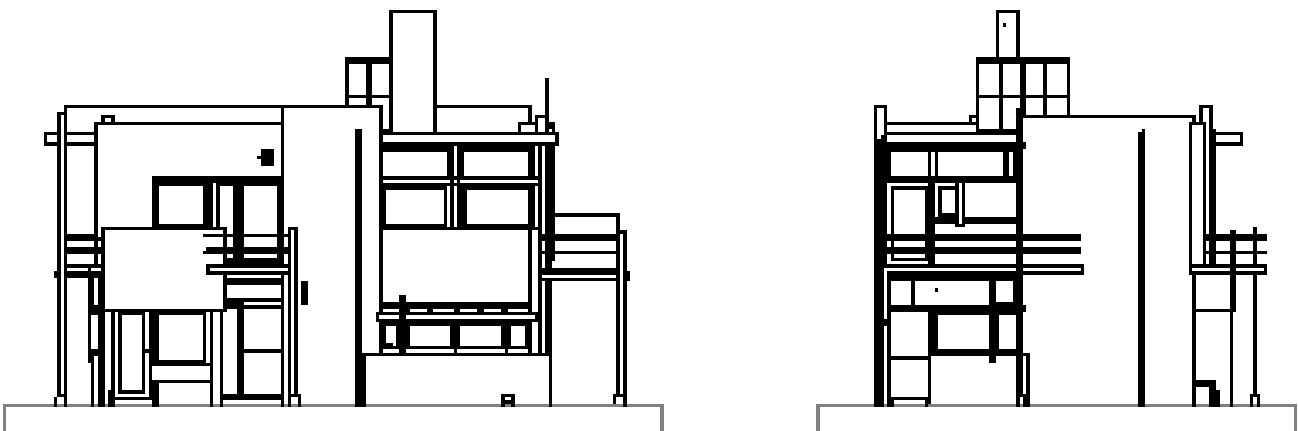
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**Question Two: (5 Marks)**

1) below are elevations of Retvield Shroeder's house. Yet, there is a missing element in both elevations. Redraw the elevations showing the missing element (1 mark)



2) Describe 1) key characteristics and 2) design philosophy of the architecture shown in the below figure (2 marks)



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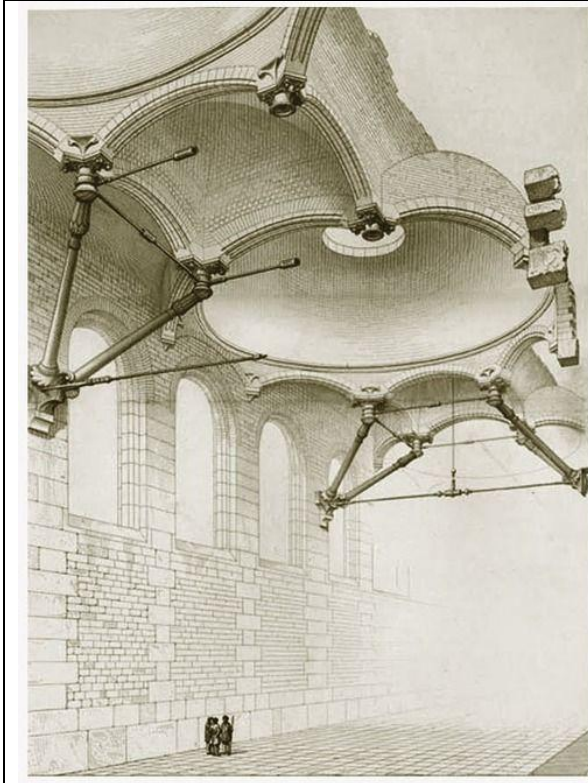


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3) Explain how 1) rationality and 2) honest manner have been achieved in the below design? (2 marks)



End of Questions  
*Good Luck*