

**The Assam Royal Global University, Guwahati**  
Royal School of Architecture  
B.Arch III Semester  
Semester End Examination, December 2018  
Course Title : Theory of Art & Architecture  
Course Code : ARC132G304

Time: 3 Hours

Maximum Marks: 50

**Note: Attempt all questions as per instructions given.**  
*The figures in the right-hand margin indicate marks.*

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**Section – A**

- Q.1. Attempt all questions. (Maximum word limit 50)** **2 x 8**
- a. Explain Symmetry and its types. 2
  - b. Explain datum with sketches. 2
  - c. Explain what is transformation with sketches. 2
  - d. Explain Golden Ratio and the Fibonacci series. 2
  - e. Explain Static and Dynamic Anthropometry with sketches. 2
  - f. Explain the four basic design processes. 2
  - g. What are convergent and divergent design processes. 2
  - h. What are Positive and Normative theories explain with diagrams. 2

**Section – B**

- Q.2. Attempt any one set of the following:** **4 x 2**
- a. Explain proportion and scale. 4
  - b. Explain Renaissance style of proportion. 4
- Or
- c. Explain Centralized Planning. 4
  - d. Explain Ken. 4
- Q.3. Attempt any two of the following:** **4.5 x 2**
- a. Write about Leon Batista Alberti, Ten Books of Architecture and his ideas. 4.5
  - b. Write the design principles of Marc Antoine Laugier. Draw sketches. 4.5
  - c. Explain Leighton and Maslow's hierarchy of needs. 4.5
- Q.4. Attempt any one of the following:** **8 x 1**
- a. Elaborate on John Ruskin's ideas on classical Architecture, Preservation and restoration. 8
  - b. Write in detail Chirstofer Alexander's theories and ideas. 8

**5. Attempt any one of the following:**

**9x1**

- a. Explain Maslow's hierarchy of needs.
- b. What are the assets and liabilities of group design.

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