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FEDERAL UNIVERSITY OF TECHNOLOGY OWERRI
SCHOOL OF ENVIRONMENT TECHNOLOGY
DEPARTMENT OF ARCHITECTURE

Course title: Introduction to Architecture

Harmattan Semester 2012/13 Examination

Course Code: Arc 201

Credit Unit: 3

Date: 7/3/2013

Time Allowed: 3Hr 00min

Instructions: Answer Question 1 (one) and any other 4 Questions

1. Architecture is defined as a field of professional practice that seeks to identify, understand, analyze and solve complex, technical and environmental problem of man in the context of his environment by applying specialized knowledge and coordinating other related professional inputs relevant in the development of the environment.
 - a. In your own term, explain what the phrase "complex technical and environmental problem" means in this definition? (11 Marks)
 - b. Give two examples of this problem with clear illustrations (Sketches may be used to support your illustrations). (11 Marks)
2. Briefly analyze the roles of Architect as a team leader. (12 Marks)
3. What are the four types of basic skills that support graphic thinking?
Write short notes on these skills (sketches may be useful) (12 Marks)
4. In the design of functional spaces, when is an architectural design said to have good accessibility and fit for purpose? (12 Marks)
5. a. Unity is the most important of seven (7) components of graphic design. What are the other six (6) component? (6 Marks)
b. When is unity said to be achieved in a design composition? With the use of a drawing, demonstrate your understanding of unity in a design composition. (6 Marks)
6. Write short notes on any four of the under-listed world renowned Architects and their works. Vividly specify the features that characterized their works.

Antoni Gaudi
Le Corbusier
Philip Johnson
Frank Gehry
Eero Saarinen

Ludwig Mies Van Der Rohe
Frank Lloyd Wright
I.M. Pei
Renzo Piano
Zaha Hadid

(12 Marks)