FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
FACULTY OF ENVIRONMENTAL TECHNOLOGY
DEPARTMENT OF ARCHITECTURAL TECHNOLOGY
Second Semester 2018/19 Session Examination
Theory ~~and History~~ of Architecture (Arc 327) Question Paper

Instructions

Answer ALL questions in section A, and ONLY three (3) in section B. Section A accounts for 25 Marks. Section B carries 75 Marks.

TIME ALLOWED: 2½ HRS

SECTION A: Answer ALL questions in this section. Each question carries 5 marks.

1) Define modern architecture. *2 Points, 2x2.5= 5 Marks*
2) What is contemporary architecture. *2 Points, 2x2.5= 5 Marks*
3) Mention any two (2) modern tropical Nigerian architects you know. *2 Points, 2x2.5= 5 Marks*
4) Mention any two (2) modern African architects other than Nigerians. *2 Points, 2x2.5= 5 Marks*
5) List any five (5) principles of modern architecture. *5 Points, 1x5= 5 Marks*

SECTION B: Answer ANY THREE (3) questions in this section. Each question carries 25 marks.

6) a. Who is the architect of the proto-type Federal Secretariat Complex scheme built in almost all state capitals in Nigeria between the 20th and 21st Centuries? *2 Points, 2x2.5= 5 Marks*
   b. Outline any two (2) of the architect's design principles. *2 Points, 2x2.5= 5 Marks*
   c. With the aid of conceptual sketches, justify the application of any three (3) those principles any his works. *Sketch 10, Scale & Proportion 5; Total = 15 Marks*

7) a. Identify the architect of Moscow School of Management in Russia. *2 Points, 2x2.5= 5 Marks*
   b. Enumerate any two (2) design principles of the architect of the project. *5 Points, 2x2.5= 5 Marks*
   c. Use a conceptual sketch to illustrate any three (3) the design principles of the architect. *Sketch 10, Scale & Proportion 5; Total = 15 Marks*

8) a. Enumerate any two (2) works of notable works of Arc. Kunle Adeyemi. *2 Points, 2x2.5= 5 Marks*
   b. Sketch any one (1) of Arc Kunle Adeyemi's works in Nigeria to justify the application of any of his design principles. *Sketch 10, Scale & Proportion 5; Total = 15 Marks*
   c. Outline any two (2) design principles of Arc. Kunle Adeyemi. *2 Points, 2x2.5= 5 Marks*

a. Identify a popular Nigerian architect who as a National Youth Service Corps member serving in Femi Majekuduki Associates (FMA), Lagos, participated actively in the design of Federal Ministry of Finance Headquarters, Abuja. *2 Points, 2x2.5= 5 Marks*
   b. Mention any two (2) famous works of architect under consideration. *2 Points, 2x2.5= 5 Marks*
   c. Sketch one of her works that celebrated multiplicity of basic forms and structuralism. *Sketch 10, Scale & Proportion 5; Total = 15 Marks*

a. List any two (2) design principles of Arc. Hassan Fathy of Egypt. *2 Points, 2x2.5= 5 Marks*
   b. Mention any two (2) of his design principles. *2 Points, 2x2.5= 5 Marks*
   c. Sketch a façade typical residential urban development project, or a community centre, New Gourna, Egypt, 1945- 1948 by Arc Hassan Fathy. *Sketch 10, Scale & Proportion 5; Total = 15 Marks*

9) a. Enumerate any two (2) of the design principles of Arc Diebedo Francis Kere of Bokina Faso. *2 Points, 2x2.5= 5 Marks*
   b. Sketch a conceptual 3D of Lycee Secondary School, Gando, Burkina Faso by Arc. Diebedo Francis Kere. *Sketch 10, Scale & Proportion 5; Total = 15 Marks*
   c. Mention any two (2) of his famous works. *2 Points, 2x2.5= 5 Marks*

Good Luck & God Bless