

FEDERAL UNIVERSITY OF TECHNOLOGY OWERRI

SCHOOL OF ENVIRONMENTAL SCIENCES

DEPARTMENT OF ARCHITECTURE

Course Title: Theory of Architecture

Harmattan Semester 2015/2016

Course Code:- Arc 405

Credit Unit: 1

Date:- May 5/5/2016

Time Allowed: 1 Hr

Instructions: Answer 4 (four) out of (6) Questions

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- (1) Briefly explain how the Greek and Phoenician architecture had influence on classical architecture of Roman Empire. (17.5 marks)
- (2) The important features of Gothic architecture are the pointed arch, the ribbed vault and the flying buttress. Briefly describe what these look like. (17.5marks)
- (3) Describe 'Perpendicular Gothic Style' in the context of depressed arch. (17.5 marks)
- (4) The three orders of the Greek architecture are Doric, Ionic and Corinthian. Briefly describe the three orders. (17.5 marks)
- (5) Briefly describe the Umayyad architecture in Islamic style. (17.5 marks)
- (6) What is the current architectural trend that explores computational technique that are influenced by algorithms relevant to biological process called? How is this trend being applied in architecture? (17.5 marks)