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FEDERAL UNIVERSITY OF TECHNOLOGY, OWERRI
SCHOOL OF ENVIRONMENTAL TECHNOLOGY
DEPARTMENT OF BUILDING TECHNOLOGY
RAIN SEMESTER EXAMINATION 2011/2012 SESSION.

Course: BDT 202 –Building Construction & Materials II. Time: 2 Hrs.

Instruction: Answer any 5 questions.

- 1a) Differentiate between Bulldozers and Scrapers and also discuss their similarities if any.
- 1b) What are the advantages and disadvantages of builders' plants?

- 2a) Explain why scaffolds are used in building construction sites.
- 2b) Explain the two common types of scaffold you know and list their components of scaffold.

- 3a) Briefly explain how thermosetting polymers can be fabricated.
- 3b) Molding is the most common method of forming plastic polymers, explain briefly the several plastic polymer molding techniques in use.

- 4a) State and explain the two classification methods of trees according to their mode of growth.
- 4b) Define the term seasoning of Timber and what are the objectives in seasoning of wood.

- 5a) List types of excavating machines currently used in construction sites.
- 5b) Write short notes on any four excavating machines you know.

- 6a) State and explain the three major classifications of rocks.
- 6b) State any 6 common building stones and their uses.

