

Bldg Dept

FEDERAL UNIVERSITY OF TECHNOLOGY MINNA
SCHOOL OF ENVIRONMENTAL TECHNOLOGY
DEPARTMENT OF BUILDING

COURSE CODE: QTS312

SESSION: 2016/2017

COURSE TITLE: Building Construction

SEMESTER: First

TIME ALLOWED: 2 hrs

INSTRUCTIONS: Answer any 4 Questions

1. Write short notes on the following classes of finishing.
 - I. Floor finishing
 - II. Wall finishing
 - III. Roof finishing
2. Enumerate and discuss the properties of building materials under the following headings
 - I. Mechanical Properties
 - II. Physical properties
3. Write short note on the following methods of seasoning timber
 - I. Air seasoning
 - II. Water seasoning
 - III. Boiling
 - IV. Kiln seasoning
4. a. Enumerate the various stages involved in the production of clay bricks
b. List the various defects of bricks
5. Enumerate the defects in timber due to the following
 - I. Abnormal growth
 - II. Conversion
 - III. Seasoning
6. Write short note on the following Physical Properties of Building materials
 - IV. Density
 - V. Bulk Density
 - VI. Void Ratio
 - VII. Specific Weight