

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
SCHOOL OF SCIENCE AND TECHNOLOGY EDUCATION
DEPARTMENT OF INDUSTRIAL AND TECHNOLOGY EDUCATION
FIRST SEMESTER EXAMINATION 2019/2020 SESSION

COURSE CODE: ITE332

COURSE TITLE: BUILDING MATERIALS

TIME ALLOWED: 2Hrs.

Instruction: Answer **ALL** questions. All questions carry equal marks.

Question 1a. Explicitly enumerates six (6) local conditions that will determine the choice and use of building material in Nigeria.

b. Describe the two (2) classification of wood for commercial convenience.

Question 2a Explain with the aid of good sketches the two methods of seasoning timber.

b. Enumerate five (5) advantages of stone wall over sandcrete block

Question 3a Describe concrete. State five (5) properties of concrete in both fresh and hardened state

b. Outline five (5) properties of wood that make it suitable to be used for building construction.

Question 4a. Explicitly enumerates the procedures to follow in conducting a specific gravity test of cement to be used for building construction. Provide results from any assumed value from the reading using the formula.

b. Outline five (5) types of Portland cement that can be used for construction.

GOOD LUCK