

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
SCHOOL OF ENVIRONMENTAL TECHNOLOGY,
DEPARTMENT OF ARCHITECTURE.

FIRST SEMESTER EXAMINATION 2019/2020 SESSION

COURSE CODE: ARC 318 **UNITS:** 2; **TIME ALLOWED:** 2HOURS

COURSE TITLE: Constriction Material III

COURSE LECTURER: Dr. J. C. Eze

HEAD OF DEPARTMENT: Dr. P. Ayuba

INSTRUCTIONS: Attempt Questions No. 1 and any other two.

1. (a) Define Glass **5 marks.**
(b) Write short notes on any three (3) important constituents used in manufacturing glass. **15 marks.**

2. (a) Outline five (5) properties of glass in the building construction industry. **5 marks.**
(b) In a detailed sketch diagram, explain melting as one of the basic steps of manufacturing glass **15 marks.**

3. (a) Define acoustic materials **5 marks.**
(b) With the aid of illustrated diagram, discuss Timber floors over Battens as one of the major ways for an acoustic treatment on floors. **15 marks**

4. (a) What are asbestos cements? **5 marks.**
(b) Enumerate five (5) properties and uses of Asbestos cement. **15 marks.**