

**FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA**  
**INDUSTRIAL AND TECHNOLOGY EDUCATION DEPARTMENT**

**2022/2023 FIRST SEMESTER EXAMINATION**

**COURSE TITLE: BUILDING CONSTRUCTION II**

**COURSE CODE: ITE 213**

**Time Allowed: 1 Hour 30 Minutes**

**Attempt 2 questions in Section A and 20 in Section B**

**Section A**

- 1a. The construction industry is accident prone, identify 5 major courses of accident.
  - b. Briefly explain 5 precautional measures to observe in minimizing accidents in sites.
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- 2a. Identify all the materials used in the production of reinforced concrete
  - b. Briefly explain the sequential operations in the production of concrete

**Section B**

1. Fitting together of pieces of elements to give a structural support and shape in building construction is known as:
  - a. Engineering.
  - b. Compiling.
  - c. Framing.
  - d. Assembling.
  
2. Permanent structures that remain upon the completion of the building is referred as;
  - a. framed structures
  - b. assembled structures
  - c. cast in place structure.
  - d. Precast structure.
  
3. A temporary frame work for supporting a masonry arch during construction until it is able to stand on its own is called
  - a. Shoring
  - b. Reinforcement
  - c. Centering
  - d. Scenario