

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA  
INDUSTRIAL AND TECHNOLOGY EDUCATION DEPARTMENT  
FIRST SEMESTER EXAMINATION 2020 / 2021 SESSION  
BUILDING CONSTRUCTION II ITE 231

Attempt Only 2 Questions in Section A and All Questions in Section B

Time Allowed: 1 Hour 30 Mins.

Matric Number \_\_\_\_\_ Signature \_\_\_\_\_ Name \_\_\_\_\_

SECTION B

Answer on the question paper and submit along with section A on answer booklet

1. \_\_\_\_\_ is a building materials made by mixture of cement, aggregate and water.
  - a. reinforcement
  - b. Plaster
  - c. paste
  - d. concrete
  
2. All of the followings are items of site layout design: except.
  - a. Power supply
  - b. Site accommodation
  - c. Columns and beams
  - d. Site access
  
- 3,4,&5. Concrete production operations includes \_\_\_\_\_, mixing, \_\_\_\_\_, compaction and \_\_\_\_\_
  
6. 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.
  
7. 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
  
8. Site layout is a plan that contains \_\_\_\_\_ and \_\_\_\_\_ structures
  - a. Formwork and scaffolding
  - b. Hoarding and fence
  - c. Temporary and permanent
  - d. Scaffolding and propping
  
9. Ingredients in concrete other than Portland cement, water and aggregates that are added to the mixture immediately before or during mixing are called