

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

**COURSE TITLE:**

**COURSE CODE: ITE216**

**CREDIT UNIT: 2 CREDIT UNITS**

**TIME ALLOWED:**

**INSTRUCTION: ANSWER FOUR (4) QUESTIONS ONLY**

- (1a) Define Maintenance as applied to woodwork technology
- (1b) List three (3) types of maintenance
- (2a) Briefly explain the term design
- (2b) List two (2) processes involved in designing an article for construction
- (3a) The woodwork technologists sets and prepared for you some pieces of wood for joint making.  
Identify two (2) manual and two (2) powered hand tools considered for the work.
- (3b) Identify two (2) appropriate joints for the construction of a bed side cabinet.
- (4a) List five (5) types of woodwork joints.
- (4b) Sketch any three of woodwork joints listed above.
- (5a) Briefly explain the following as related to tree growing:  
(i) Sunlight (ii) Respiration (iii) Transpiration
- (5b) Identify another name for timer.
- (6a) What do you understand by the term Iron mongery
- (6b) List three (3) purposes for which cabinet fittings are used.