

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA  
SCHOOL OF TECHNOLOGY EDUCATION  
DEPARTMENT OF INDUSTRIAL AND TECHNOLOGY EDUCATION  
WWT 522 - FORESTRY STUDIES

2012/2013 FIRST SEMESTER EXAMINATION

*INSTRUCTION: ANSWER FOUR QUESTIONS*

*TIME: 2 HOURS*

1. (a) Define the word **Forestry**  
(b) Identify and describe **three** aims of conservation of forests.
2. Write on any **two** of the following aspects of forest management.
  - i. Logging
  - ii. Felling
  - iii. Hauling
  - iv. Afforestation
3. As the General Manager of a timber company with the aid of sketches describe the process involved in transforming forest trees into commercial sizes for domestic purposes, and use in schools/college workshops.
4. Draw a map of Nigeria showing the forest zones and name **two** commercial timbers in **each** forest zone.
5. Write on any **two** of the following in Woodwork Technology:-
  - a. Insect attack
  - b. Timber preservation
  - c. Knots in timber
  - d. Moisture content of timber.
6. (a) What is **defect in timber**?  
(b) With the aid of sketches describe **two** defects due to natural causes and **two** due to artificial causes.