

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
SCHOOL OF TECHNOLOGY EDUCATION
DEPARTMENT OF INDUSTRIAL & TECHNOLOGY EDUCATION
FIRST SEMESTER 2012/2013 EXAMINATION

Course code: WWT 211

Level: 200

Course title: Wood Technology

Time Allowed: 2 hrs

Instructions: Attempt Four (4) Questions only

1.
 - a. What is meant by “good design”?
 - b. Explain the term design
 - c. Identify four fundamental of design

2.
 - a. Describe a surface planer machine
 - b. List all other operations that can be carried out using surface planer apart from planning
 - c. Briefly describe wood drilling machine with a line diagram and label all the parts

3.
 - a. Sketch and explain the uses of the following Iron Mongry items below
 - i. Card table hinges
 - ii. Centre hinges
 - iii. Rising butt hinges
 - iv. Butt hinges
 - b.
 - i. Briefly describe stays
 - ii. Identify by sketches only any two types of stays
 - iii. State the application of ii above

4.
 - a. What is maintenance in woodwork?
 - b. State four types of maintenance and explain two of them

5.
 - a. With the aid of sketches show a line diagram of a wood-lathe machine
 - b. Identify four important part of a above
 - c. State the basic operations that can be carried out on a wood lathe machine

6.
 - a. Clearly state differences between carpentry and joinery works
 - b. State uses of wood in the following areas
 - i. Wood Product Industry
 - ii. Public Forestry Agencies
 - iii. Scientist