

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
SCHOOL OF SCIENCE AND TECHNOLOGY EDUCATION
DEPARTMENT OF INDUSTRIAL AND TECHNOLOGY EDUCATION
FIRST SEMESTER EXAMINATION 2022/2023 SESSION

Course Code: ITE592 Course Title: Wood Designs and Construction Unit: 2 Credits

Instruction: Answer any Four (4) questions from section A and all from section B Time: 2 hours

- 1a. Discuss the factors influencing the contemporary furniture sizes
- 1b. With the aid of a sketch differentiate the difference between the following doors
 - a. Panel door
 - b. Hollow-core
 - c. Flush door
- 2a. List and discuss five (5) basic principles of design
- 2b. Joints used in woodwork are classified into three (3) main groups, list them
- 2c. List 3 joints under each
- 2d. Sketch one (1) joint under each
- 3a. List ten (10) types of windows used in building
- 3b. Write short notes on any five (5)
- 3c. Sketch four (4)
- 4a. Write short note on the following
 - a. Consistency
 - b. Balance
 - c. Longevity
 - d. One Idea
 - e. Simplicity
 - f. Efficiency
 - g. Ignore
 - h. Moulding
- 4b. Differentiate between working prototype and concept prototype
5. Sketch the following stair case and explain two:
 - a. Straight stair
 - b. Dogged-legged stair
 - c. Open Newel stair
 - d. Geometrical stair
 - e. Circular stair