

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA  
DEPARTMENT OF PLANT BIOLOGY  
SECOND SEMESTER BTECH EXAMINATIONS, 2018/2019 SESSION



COURSE CODE: PLB 524  
COURSE TITLE: WOOD AND ITS UTILIZATION  
COURSE UNIT: 2  
TIME ALLOWED: 1½ HOURS

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INSTRUCTION: ANSWER THREE QUESTIONS IN ALL: AT LEAST ONE QUESTION FROM EACH SECTION

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SECTION A

1. a. Seasonal rings are typical of woody plants, explain what you understand by these rings and their importance to human being.
- b. Distinguish between softwood and hardwoods.
- c. Give a comprehensive account of the various properties of wood.

SECTION B

2. a. Wood is an indispensable forest product, discuss.
- b. Briefly describe the process of making "Veneer".
3. a. Seasoning of wood is of paramount importance in the timber industry, discuss.
- b. Write short notes on "ply wood"

SECTION C

4. a. Explain three (3) raw materials used in paper industry.
- b. Give account of the methods employed in preparing pulp.
5. a. Write notes on the following in relation to paper making
  - i. Calendaring
  - ii. Filling and sizing.
- b. Highlight any five (5) uses of paper.