

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
DEPARTMENT OF PLANT BIOLOGY
FIRST SEMESTER BTECH. EXAMINATION, 2017/2018 SESSION

COURSE CODE: PLB 512
COURSE TITLE: ECONOMIC BOTANY
COURSE UNIT: 3
TIME ALLOWED: 2 HOURS

INSTRUCTION: ANSWER ANY FOUR (4) QUESTIONS IN ALL.

1. Using a beverage industry as a case study, write out the detailed cultivation, harvesting and processing of a named crop as a raw material in beverage production.
2. a. Write on a named oil plant under the following headings:
i. Origin ii. Distribution iii. Cultivation iv. Processing v. Uses
b. List any other four (4) economic importance oil plants.
3. a. A seminar titled: 'Sourcing for the best raw materials at a most economical rate' is organized by Indomie industries. Write a paper on a named indigenous agricultural crop as a raw material to satisfy the title, taking notes of the etiology, cultivation and processing of the crop.
4. a. 'Nigerian Breweries target 60% local sourcing of raw materials by 2018'. List five available local raw materials that can be used by these industries and write notes on cultivation of any one to meet this aspiration.
5. "How can Nigerian's textile industry be revived?" This was a recent caption in one of Nigerian dailies. Write a rejoinder on the production of a named local raw material as a step towards solving this problem.
6. a. 'Without plants drug industries will cease to exist'. Justify this statement
b. With specific examples discuss how the knowledge of plants has helped mankind to combat diseases.