

Federal University of Technology, Owerri
Department of Environmental Technology. 2018/2019
EVT 517. Bioresources Utilization Time Allowed: 2 hrs
Answer 4 questions, at least two from each section.

Section A

- 1.0 (a) Discuss Bioresources utilization in terms of Raw materials, health and food benefits
(b) Discuss the role of forest and forest products in terms of Environmental management and industrial use.
- 2.0 (a) Explain the conservation practices common in the southeast Nigeria. (b) Explain the Forest policy and legislations operational in Nigeria
- 3.0 (a) (i.) Explain the conditions appropriate for ex situ conservation of genetic resources
(ii) Explain the advantages of in vitro conservation. (b) (i.) What is micropropagation .
(ii.) Explain the various micro-propagation strategies you know. (iii). Explain the term Cryopreservation.

Section B

4. (a) Succinctly explain the concept of Bioresources utilization in the context of sustainable socio-economic development of nations (b) Name four types of bio resources
5. (a) Explain five problems militating against natural forests and savanna (b) Identify ten bioresources and explain their uses.
6. (a) Highlight ten characteristics features of resources (b) (i.) Name ten ecosystems where bioresources can be located, (ii). State six types of Environmental resources