

DEPARTMENT OF INDUSTRIAL AND TECHNOLOGY EDUCATION  
FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA  
FIRST SEMESTER EXAMINATION  
2023/2024 SESSION

COURSE TITLE: APPROPRIATE TECHNOLOGY

COURSE CODE: ITE513

COURSE UNIT: 2 UNITS

TIME ALLOWED: 2HRS

INSTRUCTIONS: ANSWER QUESTION ONE AND ANY OTHER THREE

1. (a) What is a feasibility study?  
(b) What does it involve?  
(c) State any four beneficiaries of feasibility study.  
(d) State the four types of feasibility study  
(e) List the eight steps in the writing of a feasibility
2. (a) Discuss briefly, your understanding of technology.  
(b) State any five areas of technology that are used to solve problems and meet needs.  
(c) The technology we use to solve problems, also has some effects on human kind. Enumerate any five each of its positive and negative effects
3. (a) Define Appropriate Technology.  
(b) List any five technologies under the Appropriate Technology umbrella.  
(c) What is the Central concept of Appropriate Technology?  
(d) List any five basic goals that represent the intended focus of Appropriate Technology.
4. (a) State any two limitations of Appropriate Technology  
(b) Briefly explain the following terms:
  - i. Appropriate Technology in Developed countries
  - ii. Appropriate Technology in Developing countries
  - iii. Intermediate Technology
  - iv. Appropriate hard and Soft technologies
5. (a). Briefly state the contributions of Mahatma Ghandi and Fredrich Schumacher in the development of Appropriate Technology.  
(b). State any five barriers identified in the deployment of Appropriate Technology.