

DEPARTMENT OF INDUSTRIAL AND TECHNOLOGY EDUCATION  
FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA  
FIRST SEMESTER EXAMINATION  
2021/2022 SESSION

COURSE TITLE: APPROPRIATE TECHNOLOGY

COURSE CODE: ITE513

COURSE UNIT: 2 UNITS

TIME ALLOWED: 2 HRS

INSTRUCTIONS: ANSWER ANY FOUR QUESTIONS

1. (a) Define the term "Appropriate Technology"  
(b) Distinguish between appropriate soft and hard technologies.  
(c) What is a Problem Solving Process? List and explain the steps in the Problem Solving process.
2. (a) State the concept and Rationale for appropriate technology'  
(b) List and explain with specific examples, five areas of life in which technology is used to solve problems and meet needs.
3. Write short notes on the following terms:  
(a) Appropriate Technology in developing countries,  
(b) Appropriate Technology in developed countries,  
(c) Intermediate Technology,  
(d) Renewable Energy,  
(e) Technological system
4. (a) State any five limitations of Appropriate Technology  
(b) State the contributions of Mahatma Ghandi and Fredrick Schumacher in the Appropriate Technology movement in the world
5. (a) Give any five goals that represented the intended focus of Appropriate Technology,  
(b) Why is Appropriate Technology termed "Environmentally friendly"?  
(c) Why is the term "Appropriate Technology" coined for developing countries?