



**NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**FACULTY OF ENGINEERING**

**DEPARTMENT OF CHEMICAL ENGINEERING**

**PROFESSIONAL ENGINEERING SKILLS 1B**

**TCE 2102**

**Special Supplementary Examination Paper**

**July 2024**

This examination paper consists of 2 pages

**Time Allowed: 3 hours**

**Total Marks: 100**

**Special Requirements: None**

**INSTRUCTIONS**

1. Answer ANY 4 QUESTIONS

**MARK ALLOCATION**

QUESTION	MARKS
1.	25
2.	25
3.	25
4.	25
5.	25
<b>TOTAL ATTAINABLE MARKS</b>	<b>100</b>

**SECTION A**

*Answer all questions*

**QUESTION 1**

- a. Define Management. [9]
- b. State the levels of management and what they do. [6]
- c. State and explain the functions of Management. [10]

**QUESTION 2**

State and explain 10 management styles and state the one applicable to a cooking oil manufacturing company. [25]

**QUESTION 3**

State and explain the time management skills that a chemical engineer can adopt in a postgraduate program

**QUESTION 4**

- a. State the three Cs of stress management. [3]
- b. State why it is important to manage stress. [2]
- c. State and explain the tips a chemical engineering undergraduate student can adopt to relieve stress. [20]

**QUESTION 5**

- a. What is the meaning of human skills in management? [2]
- b. State the human skills one can adopt to become a good leader. [10]
- c. What is a conceptual skill? [2]
- d. Describe conceptual skills one can adopt to become a good manager. [11]

**(END OF PAPER)**