

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY



FACULTY OF SCIENCE AND TECHNOLOGY EDUCATION

DEPARTMENT OF SCIENCE, MATHEMATICS AND TECHNOLOGY EDUCATION

PROGRAMME: PGDESTE

FINAL EXAMINATION: INSTRUCTIONAL DESIGN IN STEM EDUCATION

COURSE CODE: PST 5103.

DATE: DECEMBER, 2024

This examination consists of 2 pages

Time Allowed:	3 hours
Total marks:	25
Special Requirements:	Nil
Examiner's Name:	Dr M. Mpofu
External Examiner:	Dr L. Hadebe

Instructions to candidates

1. Answer any four questions from the options given below.
2. Questions can be answered in any order.
3. All questions carry **25 marks** each.
4. Begin each question on a fresh page.
5. Marks will be deducted for illegible had writing.

MARK ALLOCATION

QUESTION	MARKS
1.	25
2.	25
3.	25
4.	25
5	25
TOTAL	100

Copyright: National University of Science and Technology

Question 1

Discuss the importance of using a case study in the teaching of science lessons.

[25 marks]

Question 2

“A head’s school log book is an essential record as it informs the authorities on what transpires in the institution”. Discuss its four important uses.

[25 marks]

Question 3

Assess the importance of scheming in secondary schools.

[25 marks]

Question 4

Assess four roles of timetabling within an educational institution.

[25 marks]

Question 5

“A learner’s exercise book is a crucial record for all stakeholders”. Discuss its four benefits.

[25 marks]

END OF PAPER