



NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

FACULTY OF SCIENCE AND TECHNOLOGY EDUCATION

DEPARTMENT OF SCIENCE, MATHEMATICS AND TECHNOLOGY EDUCATION

THEORETICAL FOUNDATIONS IN STEM EDUCATION 1

PST 5101

Main Examination Paper

NOVEMBER 2024

This examination paper consists of 2 pages

Time Allowed: 3 hours

Total Marks: 100

Special Requirements: None

Examiner's Name: PROF L SIBANDA

**INSTRUCTIONS**

1. Answer question **ONE** and any other **THREE** questions
2. Questions may be answered in any order
3. All questions carry **[25 MARKS]** each
4. Begin each question on a new page.

**MARK ALLOCATION**

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

**Question 1**

Explain the following concepts in relation to the theory and practice in education.

- |                             |           |            |
|-----------------------------|-----------|------------|
| a. Education 5.0 Philosophy | [5 marks] |            |
| b. Sociology of education   | [5 marks] |            |
| c. Indoctrination           | [5 marks] |            |
| d. Socialisation            | [5 marks] |            |
| e. Globalisation            | [5 marks] | [25 marks] |

**Question 2**

Discuss the scope of philosophy of education. [25 marks]

**Question 3**

Examine the functions of education in society. [25 marks]

**Question 4**

Evaluate the influence of the Liberal Feminist Perspective in addressing gender disparity in Zimbabwean education system. [25 marks]

**Question 5**

Examine the applicability of Realism Philosophy to the current Zimbabwean education system. [25 marks]

**END OF EXAMINATION PAPER**