



NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

FACULTY OF SCIENCE AND TECHNOLOGY EDUCATION

DEPARTMENT OF SCIENCE, MATHEMATICS AND TECHNOLOGY EDUCATION

TRENDS IN BIOLOGY EDUCATION (PST 6203)

Main Examination Paper

NOVEMBER 2024

This Examination Paper consists of 5 pages

Time Allowed: 3 hours

Total Marks: 100

Internal Examiner: S. Ncube

External Examiner: DR. P Manyanga

INSTRUCTIONS

- 1 Question ONE is compulsory
2. Answer ANY four questions
3. Take note of the marks allocation

MARK ALLOCATION

QUESTION	MARKS
1.	20
2.	20
3.	20
4.	20
5	20
6	20
TOTAL	100

QUESTION 1

- 1 (a) Describe the VAK framework of sensory modalities of learning. (10 Marks)
- (b) Outline Howard Gardner's theory of multiple intelligences. (15 Marks)

QUESTION 2

2. Discuss the current trends in Biology education. (25 Marks)

QUESTION 3

3. Using relevant examples, assess the contribution of technological applications in Biology education. (25 Marks)

QUESTION 4

4. Contrast between traditional and modern pedagogies of Biology. (25 Marks)

QUESTION 5

5. Old Curriculum versus the Competency Based Curriculum. Discuss. (25 Marks)

END OF QUESTION PAPER