



UNIVERSITY OF EDUCATION, WINNEBA  
INSTITUTE FOR TEACHER EDUCATION AND CONTINUING  
PROFESSIONAL DEVELOPMENT (ITECPD)



END OF SECOND SEMESTER EXAMINATIONS, OCTOBER, 2024

LEVEL: 300

COURSE CODE: PBI 361

COURSE TITLE: PREPARING TO TEACH UPPER PRIMARY SCIENCE

TIME ALLOWED: 2 HRS

CYBERNETIC INDEX NUMBER:



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GENERAL INSTRUCTIONS:

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- This paper is made up of ONE SECTION.
- The Section is made up of five essay type questions.
- Answer any THREE questions in your answer booklet.
- Each question carries equal marks. You are expected to start each question on a new page.
- You will need manuscript sheets for this paper.
- You are expected to hand over your answer booklet to the invigilator before you leave the examination hall.

**Instruction:** Answer any three (3) questions in the answer booklet provided.

Q1

- A. How would you explain the concept of 'assessment as learning' to a class of Level 300 teacher trainees offering a course titled Preparing to teach Upper Primary Science? (10 marks)
- B. State any four (4) roles that a teacher in assessment for learning demonstrates. (10marks)

Q2

A. Two pieces of iron labelled 'X' and 'Y' were given to you. The molecular motion in X is random whilst in Y it is ordered in a particular direction. Which of the two pieces of iron will you expect to exhibit magnetic properties?

(4 marks)

B. How will you as a teacher trainee attempt to establish a good working relationship with your co-teacher trainee during practice teaching? (16 marks)

Q3.

A. State any **four (4)** safety precautions that must be observed when handling electrical circuit components. (8 marks)

B. What would you consider the key components for a differentiated lesson on the topic photosynthesis for upper primary? (12 marks)

Q4

A. Identify **three (3)** different approaches to co-teaching and discuss their usefulness. (11marks)

B. Give any **four (4)** reasons why classroom assessments in science must be inclusive. (8Mmarks)

Q5.

A. Distinguish between formative and summative assessment with respect to the parameters: *as, of and for learning*. (8marks)

B. State any **four (4)** roles of the teacher in *assessment of learning*. (12 marks)



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