



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



END OF SECOND SEMESTER EXAMINATIONS, OCTOBER, 2024

LEVEL 200

COURSE CODE: EGE 246

COURSE TITLE: EARLY GRADE SCIENCE II

TIME ALLOWED: 2 HRS



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GENERAL INSTRUCTIONS:

- 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.

1. a) Explain personal hygiene with reference to health of children.
b) State the importance of cleaning teeth and bathing the body.
c) Draw a chart to demonstrate proper ways of washing hands and cleaning the teeth to early grade two. **20 marks**
2. a) i) How will explain simple machines to early grade two pupil.
ii. State functions of simple machines.
iii) Explain the concept lever and describe first, second- and third-class levers
iii) List **two (2)** examples of each type of lever.

b) Design a 30-minute lesson plan to teach simple machines and their functions to basic three pupils. **20 marks**

3. a) Draw a chart you will use to teach types of food based on their functions to early grade two pupils.
b) Define personal hygiene and outline content component of a personal lesson plan you will use to teach personal hygiene in early grade three class. **20marks**

4. a) State the functions of each of the following simple electronic components
i) inductor
ii) capacitor
iii) diode **(6 marks)**
b) Draw a simple electronic circuit to indicate the following:
i. Resistor
ii. LED
iii. Battery
iv. Capacitor **(6 marks)**
c) State **four (4)** safety measures to protect early grade pupils against health risks from the use of electronic gadgets. **(8 marks)**

5. a) State and explain **five (5)** benefits of electronic toys to early grade three pupils. **10 marks**
b) Explain **five (5)** risk issues associated with electronic toys early grade pupils interact with. **10 marks**



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