



UNIVERSITY OF EDUCATION, WINNEBA
INSTITUTE FOR TEACHER EDUCATION AND CONTINUING
PROFESSIONAL DEVELOPMENT (ITECPD)
END OF FIRST SEMESTER EXAMINATIONS APRIL 2022



COURSE CODE: EBC113
COURSE TITLE: INTRODUCTION TO INTEGRATED SCIENCE I
TIME ALLOWED: 50 MINUTES

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- This paper is made up of four essay type questions.
- Answer TWO questions in your answer booklet.
- Each question carries equal marks. You are expected to start each question from a new page.
- You are expected to handover your answer booklet to the invigilator before you leave the examination hall.

SECTION ONE

- State three (3) importance of giving first aid to an injured person. [3 marks]
 - List any three (3) artefacts that can be included in the teaching portfolio. [3 marks]
 - State the SI Unit and the Derived Unit for each one of the following quantities.
 - Force [4 marks]
 - Pressure
 - Acceleration
 - Work
- What does the abbreviation ABC in giving CPR mean in first aid? [2 marks]
 - What is a portfolio? [2 marks]
 - The new basic school science curriculum (2018) is structured into five strands. State the five of the strands? [5 marks]
 - Normal human body temperature is 37°C . What is this temperature in kelvin scale? [1 marks]
- State three (3) properties of liquids. [3 marks]
 - Tabulate three (3) differences between Science and Technology. [3 marks]
 - State four (4) characteristics of Visual learners' style. [4 marks]
- Briefly outline four (4) effects of force. [4 marks]
 - Classify the following five forces into contact and non-contact force.
 - Friction,
 - Tension,
 - Magnetic,
 - Electrostatic,
 - viscosity, and
 - Centripetal. [3 marks]
 - Explain three (3) contributions of science and technology to the development of the health sector in Ghana. [3 marks]