

ZIMBABWE EZEKIEL GUTI UNIVERSITY



COLLEGE FOR LIFELONG EDUCATION

FACULTY OF SCIENCE, TECHNOLOGY, AGRICULTURE AND FOOD SYSTEMS

EXAMINATION PAPER

MODULE CODE : DOSH 125

MODULE TITLE: Ergonomics

DURATION : 2 Hours

LEVEL : 1:2

DATE : 10 JUN 2026

INSTRUCTIONS TO CANDIDATES:

1. Question **Number 1** in **Section A** is **compulsory**.
2. Answer any other **ONE (1)** question from section B.
3. Each question carries twenty-five (25) marks
4. Number of marks for part questions are shown in brackets
5. Start each question on a new page

Section A: Compulsory

1. Discuss the significance of the "fitting the job to the worker" principle in ergonomics. How does this principle align with the broader objectives of occupational safety and health in Zimbabwe? **(25 marks)**

Section B: Answer any ONE (1) question from this section

2. Analyse the combined effects of awkward postures, forceful exertions, and repetitive motions on workers in the Zimbabwean food processing manufacturing sector. **(25 marks)**
3. Explain how the Hierarchy of Controls can be applied to mitigate ergonomic risks in a Zimbabwean agricultural context, such as manual handling during crop harvesting. **(25 marks)**
4. Describe the common ergonomic hazards associated with prolonged computer use in a typical Zimbabwean corporate office setting. **(15 marks)**
- a. Outline practical, low-cost interventions that can be implemented to improve workstation ergonomics and prevent Computer Vision Syndrome among employees. **(10 marks)**

END

1/1 AM