

BINDURA UNIVERSITY OF SCIENCE EDUCATION
FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCE
Department of Environmental Science

ESM 210

Ergonomics

BSc SHEM Part II Examination

TIME: 2 HOURS (70 marks)

 - JUN 2023

INSTRUCTIONS

Answer QUESTION ONE from SECTION A and any other two questions from SECTION B.

Question one carries 30 Marks and the rest 20 Marks each.

SECTION A (COMPULSORY)

1. With practical examples, discuss key ethical principles an ergonomist should observe in ergonomics research (30).

SECTION B

2. Discuss the applicability of Rapid Entire Body Assessment (REBA) in the construction industry (20).
3. Compare and contrast Quick Exposure Check (QEC) and Rapid Upper Limb Assessment (RULA) (20) .
4. Discuss risk factors that increase ergonomic risks at Bindura University (20)
5. Discuss measures that should be taken by Bindura University to improve the ergonomics of staff and students (20).

END OF PAPER