

**BINDURA UNIVERSITY OF SCIENCE EDUCATION
FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCE**

Department of Environmental Science

ESM 215/ESP 404

Occupational Health and Safety Management

BSc SHEM Part II / IV Examination

TIME: 2 HOURS (70 marks)

Nov 2024

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. Discuss the applicability of the Domino Sequence in accident investigation and ascertain its effectiveness during the process (30).

SECTION B

2. Explain using examples, the reasons why occupational health and safety should be implemented in organisations (20).
3. Assess the emergency preparedness and response of Bindura University of Science Education (20).
4. Explain steps that Bindura University could take when implementing health and safety (20).
5. a) Describe the hierarchy of control used by organisations to manage hazards (7).
b) Discuss the effectiveness of the tool to eliminate hazards (13).

END OF PAPER