

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

ESM 204

Safety Health and Environmental Auditing

BSc SHEM Part II / IV Examination

TIME: 2 HOURS (70 marks)

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 the importance of implementing ISO 45001:2018 and 14001:2015 in developing countries, and the role of auditing in Integrated Management Systems (30).

SECTION B

2. (a) While you are auditing at Macdonald Bricks you noticed that 3 new employees namely the Engineering foreman, accounts clerk and village supervisor were not inducted as per their process. Document your audit findings by filling in an audit finding form(report) and justify your audit finding classification (10).
(b). After the audit, Macdonald Bricks submitted a corrective action to the issue of not inducting 3 employees by sending them to induction. As an auditor, you are supposed to approve the action plan in accordance with ISO 45001:2018 clause 10.2. Explain how you will respond to Macdonald's Bricks and justify your position (10)
3. Develop an audit plan for the following clauses ISO 14001:2015
 - (e) Clause 6.1.2 (5)
 - (f) Clause 6.1.3 (5)
 - (g) Clause 8.2 (5)
 - (h) Clause 10.3 (5)

4. Develop a checklist you can use to audit Freda Rebecca Gold Mine using ISO 14001:2015 criteria (20).
5. Compliance obligations under ISO 45001:2018 are very critical in auditing. As an auditor for Occupational Health Management System, develop a risk register including compliance obligations for the Airports Company of Zimbabwe (ACZ) (20).

END OF PAPER

EX0024B