

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

ESM 401(1)

Industrial Epidemiology
BSc SHEM Part IV Examination

TIME: 2 HOURS (70 marks)

JUN 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 importance of health surveillance at workplaces in Zimbabwe (30)

SECTION B

2. Explain effects of climate change to industrial epidemiology in Africa (20).
3. With reference to examples explain
 - i) Relative risk (RR) (10)
 - ii) Odds ratio (10)
4. Discuss the importance of research ethics that must be observed during an epidemiological study (20).
5. Discuss application of the following study designs
 - a) Cohort study (10)
 - b) Case control (10)

END OF PAPER