

BINDURA UNIVERSITY OF SCIENCE EDUCATION**DEPARTMENT OF ENVIRONMENTAL SCIENCE****MSC IN OCCUPTIONAL HEALTH, SAFETY AND ENVIRONMENTAL
MANAGEMENT****MSC PART I EXAMINATION
MOHS 503 ADVANCED RISK MANAGEMENT****3 HOURS****INSTRUCTIONS**

Answer question 1 and any two questions from Section B

**SECTION A (COMPULSORY)**

1. (a) Discuss the main health and safety hazards and associated risks in a gold mine. (15)
(b) Outline a risk management plan for such occupants in 1(a). (10)
(c) Explain in detail with examples how Enterprise Risk Management can ensure business continuity. (25)

SECTION B

2. Shamva Gold mine has hired you as a consultant to audit their Risk Management System with regards to Safety, Health and Environment issues. Examine the pertinent issues that you are going to take into account. (25)
3. Risk Management is a very effective concept when applied in Occupational Health and Safety. Discuss. (25)
4. Discuss the relevance of the Management Oversight Risk Tree as a specialised hazard identification methodology. (25)
5. Relate the Plan, Do, Check and Act cycle to risk management. (25)

END OF PAPER

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