

**BINDURA UNIVERSITY OF SCIENCE EDUCATION**  
**FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCE**  
**DEPARTMENT: NATURAL RESOURCES**  
**PROGRAMME: BSc NATURAL RESOURCES MANAGEMENT**

**COURSE CODE: NR223 (1) : ENVIRONMENTAL AND SOCIAL IMPACT ASSESSMENT**

**DURATION: 2 HOURS**

**TOTAL MARKS: 70**

**INSTRUCTIONS TO CANDIDATES**

NOV 2024

Answer *Three* questions out of the following five questions. You must answer question *One* from Section A and any *Two* questions from Section B.

**SECTION A (COMPULSORY)**

1. (a) Identify the Environmental and Social Impact Assessment (ESIA) tools used for the following processes:
  - i. Impact identification, [3 Marks]
  - ii. Impact prediction and [2 Marks]
  - iii. Impact analysis. [2 Marks]
- (b) List any four of the following:
  - i. Methods that can be used for stakeholder consultations in ESIA, [4 Marks]
  - ii. Prescribed activities listed in the Environmental Management Act (Chapter 20:27). [4 Marks]
- (c) What are the conditions that may result in ESIA exemption of project proposals? [5 Marks]
- (d) Explain factors that affect the ESIA process. [10 Marks]

**SECTION B**

2. (a) Outline the social and environmental impacts associated with any one of the following development projects:
  - i. Road Construction,
  - ii. Gold mining,
  - iii. Service station.

**Note: Impacts should be categorized into different phases of the project. [15 Marks]**

- (b) Describe the mitigation measures for the impacts identified in 3(a). **[5 Marks]**
3. Discuss the role of ESIA in sustainable development. **[20 Marks]**
4. Discuss any three Zimbabwean and two international regulations that govern the ESIA process. **[20 Marks]**
5. Evaluate the importance of Environmental, Social and Governance (ESG) in companies. **[20 Marks]**

**END OF PAPER**