



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY  
SCHOOL OF SPATIAL PLANNING AND NATURAL RESOURCE MANAGEMENT  
UNIVERSITY EXAMINATION FOR DIPLOMA IN ENVIRONMENTAL SCIENCE  
1<sup>ST</sup> YEAR 2<sup>ND</sup> SEMESTER 2023/2024 ACADEMIC YEAR  
MAIN REGULAR**

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**COURSE CODE: PDS 2115**

**COURSE TITLE: ENVIRONMENTAL IMPACT ASSESSMENT**

**EXAM VENUE: AH**

**STREAM: Dip. Environmental Science**

**DATE: 02/05/2024**

**EXAM SESSION: 9.00 – 11.00 AM**

**TIME: 2.00 HOURS**

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**Instructions:**

- i. Answer questions one and any other three.**
- ii. Candidates are advised not to write on the question paper.**
- iii. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

### QUESTION ONE

- a) State **two** objectives of EIA (1 mark)
- b) List **four** roles of NEMA (4 marks)
- c) State any **four** benefits of doing EIA (4 marks)
- d) Identify **four** principles of EIA (4 marks)
- e) List **any three** main features of the EIA legal and institutional frameworks for the EIA Process in Kenya (3 marks)
- f) List **four** key objectives of scoping (4 marks)
- g) Identify key objectives of SEA (2 marks)
- h) State **four** possible outcomes of screening (2 marks)
- i) Identify **four** procedures and methods used to screen proposals (4 marks)
- j) List any **two** types of Environmental Audits (2 marks)
- k) Identify the **three** phases of impact analysis undertaken as part of the EIA process (3 marks)
- l) List any **two** types of social impacts considered during Impact Analysis (1 mark)
- m) The any **four** common methods used for impact identification (2 marks)
- n) List **four** areas that constitute the decision-making process in EIA (4 marks)

### QUESTION TWO (20 marks)

Explain the key steps in the EIA procedure (20 marks)

### QUESTION THREE (20 marks)

Explain the administrative framework for EIA and EA in Kenya (10 marks)

Discuss the Key Legal and policy provisions relating to EIA and EA in Kenya (10 marks)

### QUESTION FIVE (20 marks)

Explain five methods you would use in involving the public in the EIA Process. (10 marks)

Discuss the steps in you would need to follow while developing a public involvement program in EIA and A (10 marks)

### QUESTION SIX (20 marks)

Discuss what you would include in (the contents of) an Environmental Management Plan (EMP) (10 marks)

Explain the uses of an EIA Audit (10 marks)