



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**SCHOOL OF SPATIAL PLANNING AND NATURAL RESOURCES MANAGEMENT**  
**UNIVERSITY EXAMINATION FOR DIPLOMA IN ENVIRONMENTAL SCIENCE**  
**2<sup>ND</sup> YEAR 2<sup>ND</sup> SEMESTER 2022/2023 ACADEMIC YEAR**  
**MAIN REGULAR**

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**COURSE CODE : BUS/CU/PM/CR/08/6/A – PMD 1212**

**COURSE TITLE: PROJECT ENVIRONMENTAL MANAGEMENT II**

**EXAM VENUE: AH**

**STREAM: Dipl. in Project Management**

**DATE: 02/05/2024**

**EXAM SESSION: 14.00 – 16.00 PM**

**TIME: 2.00 HOURS**

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**Instructions:**

- i. Answer Questions One And Any Other Two.**
- 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.**

## SECTION A

### QUESTION ONE: 40 marks

- i. What is the significance of Key Performance Indicators in Project Management. (2 marks)
- ii. Discuss THREE components of Environmental Management Plan (6 marks)
- iii. Discuss TWO potential environmental risks in construction projects and strategies to mitigate them. (4 marks)
- iv. Distinguish between Internal Environmental factors and External Organizational factors. (2 marks)
- v. Explain the FOUR challenges encountered when conducting Environmental monitoring on Projects (8 marks)
- vi. Explain the objectives of environmental laws and regulations in project management. (6 marks)
- vii. Explain the TWO ways in which Compliance and Governance affects projects (4 marks)
- viii. Explain any TWO significance of Community relations in Project Environmental management (4 marks)
- ix. Explain TWO roles of environmental legislation in project management. (4 marks)

## SECTION B: 60 marks

Answer any **THREE** questions. Each earns 20 marks.

### QUESTION TWO

- a) Discuss the Significance of Environmental Impact Assessment in Project Management. (10 marks)
- b) Discuss FIVE Methods of Environmental Monitoring (10 marks)

### QUESTION THREE

- a) Discuss FIVE significance of Conducting Environmental monitoring on projects (10 marks)
- b) Explain the significance of Sustainability in Project management. (10 marks)

### QUESTION FOUR

- a) Explain the External Organization Factors that affects Projects Environmental Management (10 marks)
- b) Explain the factors considered when identifying a project Environment (10 marks)

### QUESTION FIVE

- a) Discuss FIVE types of Environmental monitoring (10 marks)
- b) Discuss the Principles of Environmental Monitoring (10 marks)

### QUESTION SIX

- a) Discuss FIVE objective of Environmental Management Plan (10marks)
- b) Discuss FIVE Licenses and Registrations involved in the development of an Environmental Management Plan (10 marks)