

**W1-2-60-1-6**

**JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY**

**UNIVERSITY EXAMINATIONS 2018/2019**

**SPECIAL/SUPPLEMENTARY EXAMINATION FOR THE DEGREE OF BACHELOR OF ARCHITECTURE**

**ABA 2504: ENVIRONMENTAL IMPACT ASSESSMENT AND ENVIRONMENTAL AUDIT**

**DATE: JUNE 2019 TIME: 2 HOURS**

**INSTRUCTIONS:** Answer question one (compulsory) and any other two questions.

QUESTION ONE

a. Define the following

 i. Industrial ecology. (2 marks)

 ii. Environmental monitoring. (1 mark)

b. Differentiate between self audit and control audit. (4 marks)

c. Explain the various types of impacts a project could have on the environment.

 (4 marks)

d. Discuss the key strategies for environmental impact reduction. (7 marks)

e. As a lead expert, what benefits would you advance for undertaking EIA for any given project? (5 marks)

f. Briefly explain the significance of monitoring the EIA report during implementation of a project. (7 marks)

QUESTION TWO

a. Briefly explain the factors impeding public participation in EIA projects in Kenya.

 (10 marks)

b. Describe the various types of mitigation measures you can use in any project.

 (20 marks)

QUESTION THREE

a. Briefly discuss the main types of uncertainties in the EIA process and explain how they can be mitigated. (6 marks)

b. As a lead expert, what principles and procedures would guide you in undertaking EIA study for any project? (14 marks)

QUESTION FOUR

a. Stakeholders participation is a key ingredient to the success on failure of any project with impacts on the environment. Identify the various stakeholders in any project and state their roles. (14 marks)

b. Briefly discuss the various types of monitoring in the EIA process. (6 marks)

QUESTION FIVE

a. Enumerate the benefits and drawbacks of stakeholders participation in the EIA process.

 (20 marks)