



MANICALAND STATE UNIVERSITY OF APPLIED SCIENCES

FACULTY OF ENGINEERING

DEPARTMENT: CHEMICAL AND PROCESSING ENGINEERING

MODULE: PROJECT MANAGEMENT

CODE: HCHE 512/HACE227

SESSIONAL EXAMINATIONS
DECEMBER 2022

DURATION: 3 HOURS

EXAMINER: Mr P. Nyamhute MSIZ, AIAZ

INSTRUCTIONS

1. Answer **any five** questions from six questions given.
 2. Each question carries 20 marks.
 3. Total examination marks: 100 marks
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QUESTION ONE- Introduction to a Project

With the aid of examples, describe at least six constraints that affect Scope of a project.

[20 marks]

QUESTION TWO- Introduction to a Project

Discuss the factors that lead to creation of projects.

[20 Marks]

QUESTION THREE – Introduction to Project Management

Project Management endeavors to control the following aspects of a project,

- i) Scope
- ii) Cost
- iii) Time
- iv) Quality
- v) Benefits

Using examples, define each of the above terms.

[20 Marks]

QUESTION FOUR– Introduction to Project Management

You have been tasked by the University to lead in a project to design a chemical that extracts oil from maize.

Describe the project management phases that your project will go through.

[20 Marks]

QUESTION FIVE – Project Stakeholders

a) Using your Final Year Project, identify the various stakeholders to your project and how each stakeholder is affected by or affects the project.

[10 marks]

b) Stake holders are either positive stakeholders or negative stakeholders. With aid of examples explain i) positive stakeholders and ii) negative stakeholders.

[10 marks]

QUESTION SIX –Project Monitoring and Evaluation

a) Define

- i) Monitoring (2)
- ii) Evaluation (2)
- iii) Efficiency (2)
- iv) Effectiveness (2)
- v) Impact (2)

b) Give any **five** reasons why project evaluation is carried out. [10]

[Total 20 Marks]

END OF EXAM