



MANICALAND STATE UNIVERSITY OF APPLIED SCIENCES

FACULTY OF ENGINEERING, SCIENCE AND TECHNOLOGY

DEPARTMENT: CHEMICAL AND PROCESSING ENGINEERING

MODULE: PROJECT MANAGEMENT

CODE: HCHE 512/HACE227

SESSIONAL EXAMINATIONS

APRIL 2023

DURATION: 3 HOURS

EXAMINER: Mr P. Nyamhute MSIZ, AIAZ

INSTRUCTIONS

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

- a) What is a Gantt Chart? (5 marks)
- b) What are the advantages of using a Gantt chart for project planning (15 marks)

[Total 20 marks]

QUESTION TWO- Project Implementation

- a) What is Leadership (5 marks)
- b) What are the differences between Leadership and Management (5 marks)
- c) There are various styles of Leadership. Describe any 2 of these styles giving advantages and disadvantages of each. (10 marks)

[Total 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.

[Total 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.

[Total 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]

b) Stake holders are either positive stakeholders or negative stakeholders. With aid of examples explain i) positive stakeholders and ii) negative stakeholders.[10] [Total 20 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 PAPER