



“Investing in Africa’s future”

COLLEGE OF HEALTH, AGRICULTURE AND NATURAL SCIENCES

NESN300: PROJECT PLANNING AND MANAGEMENT

END OF SECOND SEMESTER FINAL EXAMINATION

APRIL 2026

LECTURER: PROF. J. MADZIMURE

DURATION: 3 HOURS

INSTRUCTIONS

Answer All Questions from Section A

And Answer Any Three Questions from Section B

This paper has 2 printed pages

Section A (Answer all questions, 40 marks)

Question 1

- a) Highlight the purpose of the Payback Period in project appraisal. [5]
- b) Describe the gender analysis matrix (GAM) as used in project management. [5]
- c) Suppose Africa University Farm invests \$100,000 in a new piggery project and expects to receive \$18,000 per year. Calculate the discounted payback period for the project assuming an interest rate of 7%. [10]
- d) Describe the Work Book Structure (WBS) as a project management tool for strategy and planning. [5]
- e) Highlight the importance of the following aspects in project management:
 - i. Application of technology; [5]
 - ii. Risk management; and [5]
 - iii. Economic appraisal. [5]

Section B (Answer any three (3) questions, 60 marks)

Question 2

Discuss the importance of the Business Canvas (BCM) for a start-up project of your choice. [20]

Question 3

Discuss the importance of carrying out an environmental impact assessment for a new organic fertiliser manufacturing company in Mutare city. [20]

Question 4

Discuss any five (5) factors that govern competition in the agribusiness industry in Africa. [20]

Question 5

Analyse the key segments of a project life cycle.

[20]