



MACHAKOS UNIVERSITY

University Examinations for 2021/2022 Academic Year

SCHOOL OF AGRICULTURAL SCIENCES

DEPARTMENT OF AGRIBUSINESS MANAGEMENT AND TRADE

FOURTH YEAR SECOND SEMESTER EXAMINATION FOR

BACHELOR OF SCIENCE (AGRIBUSINESS MANAGEMENT & TRADE)

AGB 403: AGRICULTURAL PROJECT MANAGEMENT

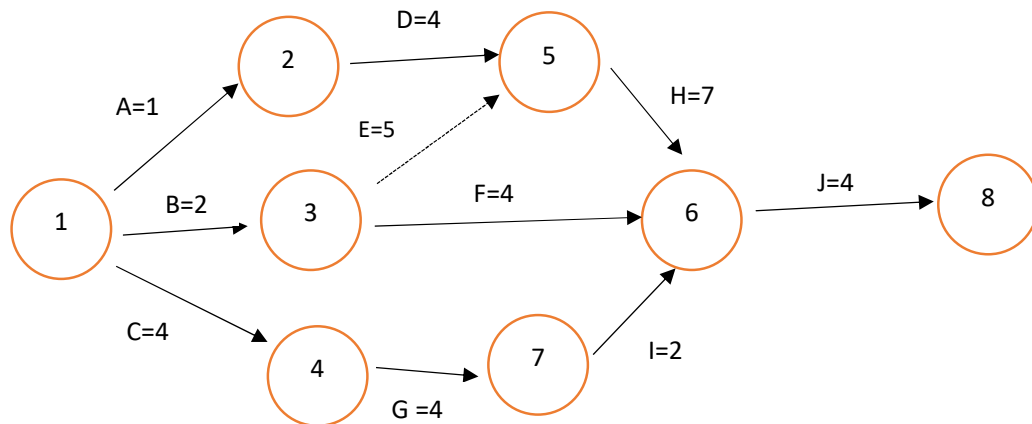
DATE: 15/12/2021

TIME: 8:30 – 10:30 AM

INSTRUCTIONS: Answer question ONE and any other TWO questions

QUESTION ONE (COMPULSORY) (30 MARKS)

- Differentiate between a program and a project (2 marks)
- Describe four attributes of a good project manager (4 marks)
- Differentiate between economic and financial project appraisal (4 marks)
- Explain three main dimensions of performance of a project and their interrelation (6 marks)
- Given the flow diagram below:



- Identify and explain concurrent activities (2 marks)
- Identify and explain dummy activity (2 marks)
- Explain and evaluate critical path (4 marks)

- d) Suppose an agribusiness entrepreneur seeks your advice on two viable projects, Project A & B with the following cash flows:

Year (t)	Expected net cash flows (CF _t) in Ksh	
	Project A	Project B
0 (investment)	(10,000)	(10,000)
1	5000	1000
2	4000	3000
3	3000	4000
4	1000	6000

Assuming a 10% cost of capital and that projects are mutually exclusive. Apply NPV approach to advise the entrepreneur on which project to undertake (6 marks)

QUESTION TWO (20 MARKS)

- a) Describe phases of project management cycle. (10 marks)
 b) Describe five strategies for an effective negotiation in project management (10 marks)

QUESTION THREE (20 MARKS)

- a) The County Government of Kiambu plans to invest in a dairy processing plant. Describe how to conduct a feasibility study of the project (10 marks)
 b) Using appropriate illustrations, describe main components of a Log frame as applied in project planning (10 marks)

QUESTION FOUR (20 MARKS)

- a) Differentiate between a PERT and CPM (10 marks)
 b) Describe five factors that lead to agricultural project not realizing their objectives and expected impact (10 marks)

QUESTION FIVE (20 MARKS)

- a) Describe four types of evaluation as used in assessment of project development objectives (8 marks)
 b) Describe step-by-step approach to cost benefit analysis as applied in project appraisal (12 marks)