

CHUKA



UNIVERSITY

**UNIVERSITY EXAMINATION
RESIT/SUPPLEMENTARY / SPECIAL EXAMINATIONS
EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF
AGRICULTURAL ECONOMICS**

ECON 409/443: PROJECT PLANNING AND EVALUATION

STREAMS:

TIME: 2 HOURS

DAY/DATE: MONDAY 01/11/2021

8.30 A.M - 10.30 A.M.

INSTRUCTIONS:

- Answer Question One and any other Two Questions

Question One

- a) Using examples, discuss the non-financial models of project appraisal and selection
(10 marks)
- b) With proper illustrations, explain the common problems that arise from poor project design
(6 Marks)
- c) Consider a project having the following activities

Activity	Preceding Activity	Duration (days)
A	-	4
B	A	7
C	A	5
D	A	6
E	B	2
F	C	3
G	E	5
H	B,F	11
I	G,H	7
J	C	4
K	D	3
L	I,J,K	4

Required

- i. Draw a network diagram for the project and determine the critical path and its duration (10 marks)
- ii. On a separate column, indicate the slack/floats for the network (4 marks)

Question Two

a). Consider a project having the following activities

Activity	Preceding Activity	Duration (days)
A	-	8
B	-	4
C	B	3
D	C	3
E	B	2
F	D	2

Required

- iii. Draw a Gantt chart diagram indicating activity times, using their estimate (5 marks)
- b). Explain the reasons as to why projects fail (10 marks)
- c). Discuss the various methods of risk mitigation in project management (5 marks)

Question Three

- a) Develop a monitoring and evaluation framework/plan that will assist in tracking performance of Chuka University project on reduction of the spread of COVID-19. Using five indicators as examples, demonstrate how such framework would inform management of project achievement (10 marks)
- b) (i) What is project appraisal (2 marks)
- (ii). Explain the main aspects that must considered during project appraisal and selection stage (8 marks)

Question Four

- a). Distinguish between project management and functional management (4 marks)

- b). Briefly explain the role of a project manager in a project (6 marks)
- c). With an appropriate example, explain the risk management process in project environment (10 marks)
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