

CHUKA



UNIVERSITY

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**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN
COMMUNITY DEVELOPMENT**

CDEV 324: PROJECT IMPLEMENTATION AND MANAGEMENT

STREAMS: BSC CDEV (SB)

TIME: 2 HOURS

DAY/DATE: TUESDAY 06/08/2019

8.30 A.M. – 10.30 A.M.

INSTRUCTIONS:

- Answer question ONE and TWO more

QUESTION ONE (30 MARKS)

- (a) Define the following terms as used in project implementation and management.
- (i) Management (2 marks)
 - (ii) Project (2 marks)
 - (iii) Risk (2 marks)
- (b) Describe three project implementation approaches. (6 marks)
- (c) Describe three dimensions of information system. (6 marks)
- (d) Discuss four negative risk treatment strategies. (8 marks)
- (e) Outline four roles and responsibilities of a project manager. (4 marks)

QUESTION TWO (20 MARKS)

- (a) Outline four activities that a project team is responsible for during project implementation phase. (4 marks)
- (b) Assume that you will be in charge of a community-based water, sanitation and hygiene project which your organization is planning to roll-out in North-Horr constituency. Discuss the strategies you will employ to ensure its successful implementation. (16 marks)

QUESTION THREE (20 MARKS)

- (a) Briefly describe the following tools used in project implementation and planning.
- (i) Gantt chart (3 marks)
 - (ii) Work breakdown structure (3 marks)
 - (iii) Log-frame matrix (3 marks)
 - (iv) Project responsibility matrix (3 marks)
- (b) Suppose that a community-based water project consist of 8 activities. The activity completion times and the precedence relationships are as follows:

Activity	Proceeding activity	Duration (months)
A	-	1
B	A	1
C	B	4
D	B	3
E	B	2
F	D	1
G	F	2
H	F	4
I	G	2
J	G	3

- (i) Present the above information in a Gantt chart. (6 marks)
- (ii) Determine the project duration. (2 marks)

QUESTION FOUR (20 MARKS)

- (a) Describe any six decision making styles. (12 marks)
- (b) Discuss any four current problems associated with project management information system. (8 marks)

QUESTION FIVE (20 MARKS)

- (a) Outline eight benefits of earned value management. (8 marks)
- (b) Assume that you are in charge of a community project funded by the National Government Constituency Development Fund. You are halfway through a year-long project that has a total budget of Ksh. 100,000. The amount budgeted through this six-month mark is Ksh. 55,000. The actual cost through this-month mark is Ksh. 45,000.

Determine:

- (i) Planned value (2 marks)
 - (ii) Earned value (2 marks)
 - (iii) Schedule performance index (2 marks)
 - (iv) Cost performance index (2 marks)
 - (v) Estimated at Completion (2 marks)
 - (vi) Interpret the schedule performance index and cost performance index in (iii) and (iv) above respectively. (2 marks)
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