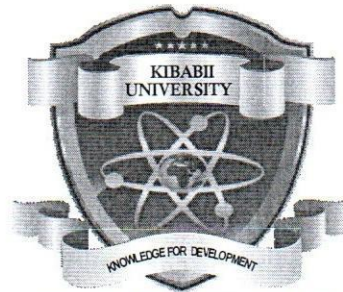


KIBU-QA-F-003



KIBABII UNIVERSITY

**UNIVERSITY EXAMINATION
ACADEMIC YEAR 2020/2021**

FIRST YEAR FIRST SEMESTER REGULAR EXAMINATION

MASTERS OF EDUCATION IN EDUCATIONAL PLANNING AND MANAGEMENT

COURSE CODE: EPM 815

COURSE TITLE: PROJECT PLANNING AND APPRAISAL

DATE: TUESDAY 20TH JULY 2021 TIME 8.00PM-11.00 AM DURATION: 3HOURS

INSTRUCTIONS TO CANDIDATES

Answer Question One (compulsory) and Any other TWO (2) Questions

QUESTION ONE

- a) Assume that you have been appointed to lead a group of students from your school who will be on trip to Rwanda. The students will be interested in finding out the major geographical features in that country. Identify the constitute activities, their sequence and estimate the duration for each activity and then display your planned activities using a Gantt chart (15marks)
- b) A key part of Scope Management is developing the Work Breakdown Structure (WBS). Discuss the WBS in detail. (10marks)
- c) Using examples, explain the difference between risks and uncertainties in project management (5marks)

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QUESTION TWO

- a) Describe the various phases of a project life detailing the activities to be carried out at each phase. (8marks)
- b) A Project can be defined by its unique characteristics that distinguish it from routine day to day work. List and briefly explain any four project characteristics. (8 Marks)

QUESTION THREE

- a) Define the following terms as used in project planning
 - i. Event (2marks)
 - ii. Milestone (2marks)
 - iii. Preceding activity (1mark)

- b) Mr. Kendo, an ICT expert has won a contract to implement an ICT project in St. Luke’s High School. The activities that are involved in the project from the start to finish are shown below:

Activity	Description	Duration (weeks)	Preceding activity
A	Select software	3	-
B	Select hardware	5	A
C	Install hardware	3	B
D	Install software	4	C
E	Test software	2	D
F	Train staff	6	E
G	System run	2	F

Required

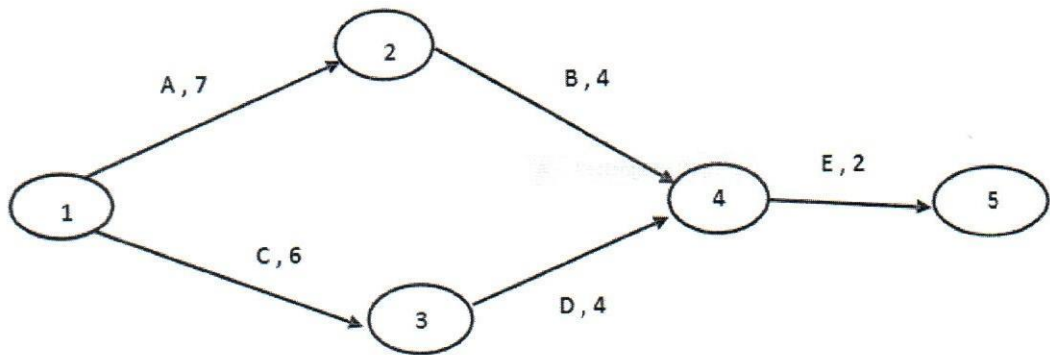
Show the project case example above as an activity –on – arrow diagram and identify the total project duration, critical path activities and float (10marks)

QUESTION FOUR

- a) Explain the techniques a project manager may use to deal with potential risks in a project (8marks)



- b) Consider the following network for conducting a two-week (10 working days) computer training class:



Required:

From the network, what is the critical path (by activities, e.g. X – Y - Z) and the expected project completion time in days? (3marks)

- c) Briefly discuss who you understand “Project Stakeholders” to be, giving examples from any project you are familiar with. (4marks)

KIBU observes ZERO tolerance to examination cheating

This Paper Consists of 3 Printed Pages. Please Turn Over.