



# MACHAKOS UNIVERSITY

University Examinations 2021/2022 Academic Year

SCHOOL OF BUSINESS, ECONOMICS, HOSPITALITY AND TOURISM MANAGEMENT

DEPARTMENT OF BUSINESS ADMINISTRATION AND FINANCE

FOURTH YEAR FIRST SEMESTER EXAMINATION FOR

BACHELOR OF SCIENCE IN ELECTRICAL AND ELECTRONIC ENGINEERING

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

ECU 401: PROJECT MANAGEMENT

DATE: 31/8/2022

TIME: 11.00-1.00 PM

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## INSTRUCTIONS

- i. *The paper consists five questions*
- ii. *Question I is compulsory - 30 marks.*
- iii. *Answer any OTHER TWO questions - each 20 marks*

## QUESTION ONE (COMPULSORY) (30 MARKS)

- a) Distinguish the process of project management from project planning. (6 marks)
- b) You have been tasked to explain to the newly recruited interns in your firm the causes of project failure. Elaborate. (6 marks)
- c) Outline SIX benefits of project scheduling in Project Management. (6 marks)
- d) In recent years, environmental concerns have assumed great deal of significance and rightly so. Outline two scenarios that you would evaluate if you were asked to conduct an ecological analysis. (4 marks)
- e) In your opinion, express why you think projects go wrong especially in developing countries like Kenya and give relevant and valid examples. (8 marks)

**QUESTION TWO (20 MARKS)**

- a) You are the Project Manager on a new project and you are holding a planning meeting. Explain clearly to the teams the concept of inter-task dependencies and use a diagram to illustrate the process. (10 marks)
- b) Analyze any FIVE benefits you would obtain from using Project and Task Management Software. (10 marks)

**QUESTION THREE (20 MARKS)**

- a) Explain briefly, the FIVE types of feasibility study that you can carry out to convince stakeholders of the credibility of the project and its potential for success. (10 marks)
- b) Analyze the importance of conducting a feasibility study before embarking on a project. (10 marks)

**QUESTION FOUR (20 MARKS)**

As a project manager one of the most comprehensive and important documents that you would have to produce is the project management plan or project plan. Discuss the TEN components contained in a plan that would help you manage, monitor and implement your project successfully.

**QUESTION FIVE (20 MARKS)**

Before a project is funded, it has to satisfy the sponsors before they can provide financial resources thus the project manager carries out various aspects of project appraisal. Analyze the critical aspects of a Technical Appraisal.