



TECHNICAL UNIVERSITY OF MOMBASA

School of Business

Department of Business Administration

UNIVERSITY EXAMINATION FOR:

BACHELOR OF BUSINESS IN INFORMATION TECHNOLOGY

BMG 4401: PROJECT MANAGEMENT

SPECIAL/SUPPLEMENTARY EXAMINATIONS

SERIES: JULY 2025

TIME: 2HOURS

DATE:1Jul2025

Instructions to Candidates

You should have the following for this examination

-Answer Booklet, examination pass and student ID

This paper consists of **FIVE** questions. Attempt question ONE (Compulsory) and any other TWO questions.

Do not write on the question paper.

Question ONE

- a) You are the project manager of a software development project. The development team is facing significant delays due to unexpected technical challenges and a shortage of skilled resources. The project is now behind schedule and the budget is under pressure.
- i) Identify at least five potential causes for the project delays and resource shortages (5marks)
 - ii) Propose a problem-solving approach to address these issues. (5 marks).
- b) The question of whether to proceed or not to proceed with a project idea can only be answered after a feasibility study. Discuss the types of feasibility that can be done. (10 marks).
- c) A project is a step by step endeavor. Using relevant illustrations, discuss the project life cycle (10 marks)

Question TWO

- a) Discuss five non-numeric models that can be used in making decisions regarding project Selection (10 marks).
- b) Discuss five techniques that project managers can employ in team building (10 marks).
- c) Project Management is a very broad and complex discipline. What works on one project
- d) may not necessarily work on another, so it is essential for Project Managers to continue to
- e) develop their knowledge and skills in managing projects. It is also important to learn
- f) from the mistakes and successes of others". Based on the statement, list and explain
- g) factors that help projects to succeed.
- h) Project Management is a very broad and complex discipline. What works on one project
- i) may not necessarily work on another, so it is essential for Project Managers to continue to
- j) develop their knowledge and skills in managing projects. It is also important to learn
- k) from the mistakes and successes of others". Based on the statement, list and explain
- l) factors that help projects to succeed.

Question THREE

- a) Explain five basic quality tools used in a project (10marks)
- b) Explain remedies of five risks that may affect project implementation. (10marks)

Question FOUR

- a) i) Differentiate between monitoring and evaluation in a project. (2marks)
ii) Discuss four importance of monitoring and evaluation in any project. (8marks)
- b) Describe the procedures used when winding up a project (10marks)

Question FIVE

- a) Highlight five reasons why project stakeholder forums must be conducted (10 marks)
- b) The most agonizing aspect of project failures is knowing that most of these failures could have been avoided. Discuss the top ten reasons why projects fail. (10marks)