



KIBABII UNIVERSITY
UNIVERSITY EXAMINATION
2016/2017

Special examination

**FOR DEGREE OF DOCTOR OF PHILOSOPHY IN INFORMATION
TECHNOLOGY**

COURSE CODE: PIT 911

**COURSE TITLE: ADVANCED INFORMATION TECHNOLOGY
PROJECT MANAGEMENT**

DATE: 29/9/2017

TIME: 2.30 -4.30 PM

INSTRUCTIONS TO CANDIDATES

Attempt Question ONE and any other two QUESTIONS of the following Five questions

QUESTION ONE(20 marks)

- (a) Suggests an exercise regime for business leaders who want to adapt best practices in an intelligent way to help their own organizations: 3 marks
- (b) You have been asked to recommend to project management team areas they need to understand and have user expertise. Suggest with reasons areas you think are key. 3 marks
- (c) The 4P's in project management is just a hype! Discuss 4 marks
- (d) It has been argued that there is nothing special in IT to warrant different treatment as far as project management is concerned. Discuss 4 marks
- (e) Using real examples illustrates organization that used IT as competitive weapon. 3 marks
- (f) Discuss the statement that an organization culture is immaterial to success of a project. 3 marks

QUESTION TWO (20 marks)

- (a) Using Porters five forces model discuss how this may affect business in digital era 10 marks
- (b) Based in (a) above suggest possible strategies that a business may adopt that may incorporate IT. 10 marks

QUESTION THREE (20 marks)

You have been appointed as the Director of ICT in Maji Moto University and have tasked with procurement and implementation of ERP systems.

- (a) Discuss how you could approach the procurement process to ensure that you procure services from a vendor with associated hardware. 10 marks
- (b) Suggest the approach that you could adopt to ensure the successful implementation. Highlighting some of the challenges you may expect to face. 10 marks

QUESTION FOUR (20 marks)

You have been invited to give a lecture on Project Management Trainees on key skills and competencies for project managers. Write down an overview of your presentation 20 marks

QUESTION FIVE (20 Marks)

- (a) Managing stakeholders is now the tenth knowledge area in the PMBOK® Guide. Discuss what this involves. 10 marks

(b) Suppose your college or organization is considering a new project to develop an information system that would allow all employees, students, and customers to access and maintain their own human resources information, such as address, marital status, and tax information. The main benefits of the system would be a reduction in human resources personnel and more accurate information. For example, if an employee, student, or customer had a new telephone number or e-mail address, he or she would be responsible for entering the data in the new system. The new system would also allow employees to change their tax withholdings or pension plan contributions.

- (i) Identify five potential risks for this new project, and be sure to list some negative and positive risks.
- (ii) Provide a detailed description of each risk and propose strategies for addressing each risk