



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF INFORMATICS AND INNOVATIVE SYSTEMS

**UNIVERSITY EXAMINATION FOR THE BACHELOR OF INFORMATION
COMMUNICATION TECHNOLOGY**

3st YEAR 1ST SEMESTER 2016/2017 ACADEMIC YEAR

COURSE CODE: IIS 3328

COURSE TITLE: PROJECT DESIGN WORKSHOP

EXAM VENUE: MAIN CAMPUS

STREAM:

DATE:

EXAM SESSION:

TIME: 2.00 HOURS

INSTRUCTIONS:

- 1. Answer Question 1 (Compulsory) and ANY other three questions**
- 2. Candidates are advised not to write on the question paper**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room**

Question One

- a) Some industry white papers allege that investing in green IT and other initiatives has helped both the environment and companies' bottom lines. Michael Dell, CEO of Dell, for instance posits that he reached his goal to make his company "carbon neutral" in 2008. According to him, as of March 2012, Dell had helped its customers save almost \$7 billion in energy costs. However, scholars argue that IT is the second biggest carbon emission industry. You have been asked lead on a project within your university on reducing ITs carbon foot print. Review areas which increases ITs carbon emission and provide strategies to reduce the carbon emission

(14 Marks)

- b) A 1995 Standish Group study (CHAOS) found that only 16.2% of IT projects were successful in meeting scope, time, and cost goals; over 31% of IT projects were canceled before completion. A PricewaterhouseCoopers study found that overall half of all projects fail and only 2.5% of corporations consistently meet their targets for scope, time, and cost goals for all types of project. Evidently, projects have a terrible track record.

- I. Using practical examples and reflecting upon your own experience with IT projects, provide reasons for IT project failures

(8 Marks)

- II. Contemplate strategies to help overcome the reasons provided above

(8 Marks)

Question Two

- a) Using your group project, explain different roles within your project and their significance

(12 Marks)

- b) You are working for a dynamic IT company, you require a project manager to lead on an international assignment, provide a advertisement, explaining person specific qualities and training for the most suitable candidate

(8 Marks)

Question Three

- a) Project management professional bodies often insist on certification, code of conduct and professional ethics. Within the subheadings of certifications, code of conduct and professional ethics, provide a brief overview of their significance to project management profession

(13 Marks)

- b) Briefly discuss the process of identifying stakeholders and how to perform a stakeholder analysis

(7 Marks)

Question Four

- c) With an appropriate example, discuss the unique attributes of IT projects

(4 Marks)

- d) Within the subjects of globalization, outsourcing, virtual teams, and agile project management describe how these recent trends affect IT project management

(16 Marks)

Question Five

- a) Explain the importance of good human resource management on IT projects while reflecting on current state of the global IT workforce and its future implications

(10 Marks)

- b) With examples you are familiar with, discuss several tools and techniques that could help manage a project team

(10 Marks)