



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**SCHOOL OF INFORMATICS AND INNOVATIVE SYSTEMS**

**UNIVERSITY EXAMINATION FOR THE BACHELOR OF INFORMATION**

**COMMUNICATION TECHNOLOGY**

**3<sup>RD</sup> YEAR 2<sup>ND</sup> SEMESTER 2016/2017 ACADEMIC YEAR**

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**COURSE CODE: ICT 3328**

**COURSE TITLE: ICT GROUP PROJECT**

**EXAM VENUE: MAIN CAMPUS**

**STREAM:**

**DATE:**

**EXAM SESSION:**

**TIME: 2.00 HOURS**

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**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) Many organizations use IT to reduce operational costs. For instance, technology has decreased the costs associated with processing an ATM transaction:
- In 1968, the average cost was \$5.
  - In 1978, the cost went down to \$1.50
  - In 1988, the cost was just a nickel.
  - In 1998, it only cost a penny.
  - In 2008, the cost was just half a penny!

Whereas the above breakdown appeals more to members of an executive board who understand and are more interested in financial terms most IT projects deliver more than financial benefits.

Using a practical example, provide a justification for projects that have more than financial benefits.

(15 Marks)

- b) The Airbus A380 megajet project was two years behind schedule in Oct. 2006, causing Airbus' parent company to face an expected loss of \$6.1 billion over the next four years. With relevant examples, contemplate possible reasons that could cause a project to get behind schedule.

(8 Marks)

- c) Provide strategies that you (as a project manager) could employ to recover a project from getting behind schedule.

(7 Marks)

### Question Two

- a) Using your group project, explain project execution and its relationship to project planning
- (10 Marks)
- b) Reflecting over the group project you implemented this semester, provide some of the key practical lessons learnt and the factors related to successful results
- (10 Marks)

### Question Three

- a) Discuss tools and techniques that would have assisted your project manager in directing and managing the project work (12 Marks)
- b) Describe the process of monitoring and controlling a project (8 Marks)

#### **Question Four**

- a) As a recent graduate, you have come across a project management job advertisement, and you are confident that your skills and training fits quite well. Provide a response to the advertisement, explaining person specific qualities, training and career aspirations that makes you the most suitable candidate for the position (10 Marks)
- b) You have recently applied to be a member project management profession, provide a brief overview of the professional body you have joined including its history and the role of professional organizations. (10 Marks)

#### **Question Five**

- a) Using a near accurate methodology for estimating the benefits of the new system you were working on, provide a justification for the system to the board of executives. (10 Marks)
- b) Many people around the world suffered from financial losses as various financial markets dropped in the fall of 2008, even after the \$700 billion bailout bill was passed by the U.S. Congress. According to a global survey of 316 financial services executives, over 70 percent of respondents believed that the losses stemming from the credit crisis were largely due to failures to address risk management issues. Identify several challenges in implementing risk management within a project (10 Marks)