JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

UNIVERSITY EXAMINATION 2012/2013

2ND YEAR 1ST SEMESTER EXAMINATION FOR THE DEGREE OF MSC IN IT SECURITY AND AUDIT

KISUMU LEARNING CENTRE

COURSE CODE: IIT 5213

TITLE: SECURITY PLANNING STRATEGIES AND PROJECT MANAGEMENT

DATE: 17/4/2013   **TIME:** 9.00-12.00NOON

DURATION: 3 HOURS

INSTRUCTIONS

1. This paper contains FIVE (5) questions
2. Answer question 1 (Compulsory) and ANY other 2 Questions
3. Write all answers in the booklet provided

Section_A (Compulsory)

Question_1

You are the Project Manager (P.M) of a University based in Nairobi. The University intends to develop in-house web-based examination management system where lecturers get to post results for their students, and students can get to monitor their academic progress. The University board of examiners also gets to use this site in carrying out their duties.As the P.M, come up with:-

  a. Five (5) project goals (5mks)
  b. Five (5) project deliverables (5mks)
  c. For each of the deliverables in b) above, identify two (2) tasks (5mks)
  d. For each of the tasks identified in c), mention resources, human or otherwise that will carry out the tasks (5mks).

Section_B(Answer any two questions)

Question_1

  I.   Who is a stakeholder? Name stakeholders in *Section_A, Question_1* project above (5mks)
  II.   What is a plan baseline?(1mk)
  III. List resource estimation outputs (4mks)
  IV.   List schedule development outputs (6mks)
  V.   Name and explain duration estimating techniques (6mks)

Question_2

  I.   What is schedule control? (2mks)
  II.   Mention and explain four (4) processes for achieving proper cost management in a project (8mks).
  III.   Name four (4) cost control measures that you will be concerned with in as far as Question_1 project is concerned (8mks)
  IV.   Mention and explain two (2) mathematical techniques you would use to shorten Question_1 project duration (2mks)

Question_3

  I.   What project management activities are involved in project execution stage? (6mks)
  II.   What activities are involved when assessing the status of a project? (4mks)
  III. Describe:-
      a. Change Management (1mk)
      b. Issue Management (1mk)
      c. Version Management (1mk)

IV. List change management processes that needs to be reviewed periodically and kept current through a project lifecycle. (6mks)

V. In project management, what is a blocking issue? How would you deal with blocking issues? (1mk).

Question_4

i. Name four types of I.T security projects. (4mks)

ii. For each of the types named in i. above, come up with an objective, a deliverable, a task and a resource with respect to *Section_A, Question_1 project* above (16mks).