TECHNICAL UNIVERISTY OF MOMBASA

Faculty of Engineering & Technology

UNIVERSITY EXAMINATION FOR:
BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY
(BSIT 12J, 12M – Y4 S2)

BIT 2318: INFORMATION SYSTEMS AUDIT

END OF SEMESTER EXAMINATION
SERIES: APRIL 2014
TIME: 2 HOURS

Instructions to Candidates:
You should have the following for this examination
- *Answer Booklet*

This paper consists of **FIVE** questions.
Attempt question **ONE (COMPULSORY)** and any other **TWO** questions
Maximum marks for each part of a question are as shown
This paper consists of **TWO** printed pages

Question One (Compulsory)

a) Describe the information system audit function.   **(2 marks)**

b) Describe FOUR types of IS Audits.   **(8 marks)**

c) Describe how IT performance can be monitored and assured.   **(6 marks)**

d) Outline SIX techniques for gathering audit evidence.   **(6 marks)**

e) Describe FOUR evaluation approaches for computer systems, stating the relevant areas of applications. **(8 marks)**

Question Two

a) Explain the implication of audit risk to the IS Auditor. **(2 marks)**

b) Describe THREE categories of Audit risks giving examples. **(6 marks)**

c) Explain the IS Auditor's role with reference to IS Network Infrastructure. **(12 marks)**

Question Three

a) Explain the need for IT Governance framework. **(1 mark)**

b) Explain the issues that are addressed by IT Governance Framework. **(5 marks)**

c) Describe the IS Auditor's role in IT Governance. **(5 marks)**

d) Describe TWO risk analysis techniques. **(4 marks)**

e) Describe Business Impact Assessment. **(5 marks)**

Question Four

a) With the aid of a diagram, explain the relationship between policy, guidance and procedure. **(10 marks)**

b) Describe the IS Auditor's role when auditing system development, acquisition and maintenance. **(10 marks)**

c) Describe the IS Auditor's role when auditing system development, acquisition and maintenance. **(10 marks)**

Question Five

Describe three Information Systems Audit process, stating the roles of the IS Auditor in each step.

(20 marks)