TECHNICAL UNIVERISTY OF MOMBASA

Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

UNIVERSITY EXAMINATION FOR:
BACHELOR OF SCIENCE IN DEVELOPMENT STUDIES
(BSDS)

BIT 2119: MANAGEMENT INFORMATION SYSTEMS

END OF SEMESTER EXAMINATION
SERIES: DECEMBER 2013
TIME: 2 HOURS

Question One (Compulsory)

a) Define the term system   **(2 marks)**

b) Briefly outline general systems theory   **(6 marks)**

c) Explain TWO key areas of cost benefit analysis as used in feasibility studies   **(4 marks)**

d) Explain the characteristics of a system   **(6 marks)**

e) Differentiate between transaction and executive support systems **(6 marks)**

Question Two

a) Describe the following information systems:
    (i) Management information systems
    (ii) Decision support systems **(10 marks)**

b) Give FIVE factors that qualify a proposed project to be worth developing **(10 marks)**

Question Three

a) Draw an organizational pyramid and explain the functions of the different levels **(8 marks)**

b) Explain TWO decisions that can be made each level of the pyramid **(8 marks)**

c) State software classifications that can be used to support decision making at each level.
(4 marks)

Question Four

d) Outline FIVE key activities for effective Information Resource Management (IRM) **(10 marks)**

e) Outline the benefits of implementing an IRM strategy **(10 marks)**

Question Five

a) List the phases of traditional systems development life cycle **(8 marks)**

b) For each phase in (a) above, state TWO activities undertaken **(12 marks)**