

**W1-2-60-1-6**

**JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY**

**UNIVERSITY EXAMINATIONS 2014/2015**

**YEAR IV SEMESTER I/II EXAMINATION FOR THE DEGREE OF BACHELOR OF BUSINESS INFORMATION TECHNOLOGY/PURCHASING AND SUPPLIES MANAGEMENT**

**BIT 2119: MANAGEMENT INFORMATION SYSTEM**

**DATE:AUGUST 2015 TIME: 2 HOURS:**

**INSTRUCTIONS: Answer question one and any other two questions.**

**QUESTION ONE**

a. Describe how linking information systems across organizations helps companies achieve competitive advantage? (6 marks)

b. Distinguish between Data – driven DSS and communication driven DSS. (5marks)

c. Provide a distinction between MIS and DSS focusing on information support provided and decision support provided by both. (14 marks)

d. Explain the importance of the design stage in problem solving as modeled by Simon (1960) (5 marks)

**QUESTION TWO**

a. Explain the benefits of using decision support systems in business and management.

(10 marks)

b. Describe the characteristics of the type of information used in executive decision making? (10 marks)

**QUESTION THREE**

a. Doing business is also a system with its components being marketing, manufacturing, sales research , shipping etc. Explain the common characteristics of all business systems. (20 marks)

**QUESTION FOUR**

a. Describe the factors on which information requirements of executives depend.

(15 marks)

b. Explain the significance of TPS in businesses. (5 marks)

**QUESTION FIVE**

a. Explain the constraints in operating management information systems and suggest how businesses should overcome them. (10 marks)

b. Distinguish between Information Technology Architecture and information Technology Infrastructure. (10 marks)