MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS
2017/2018 ACADEMIC YEAR
FOURTH YEAR SECOND SEMESTER**

**SCHOOL OF SCIENCE AND INFORMATION SCIENCES
FOR THE DEGREE OF BACHELOR OF
SCIENCE IN INFORMATION SCIENCES**

**COURSECODE: INF 411
COURSE TITLE: MANAGEMENT OF INFORMATION AND
COMMUNICATION TECHNOLOGY**

DATE : 25TH APRIL 2018   TIME: 1100 – 1300HRS

INSTRUCTIONS TO CANDIDATES

- ➢ Question ONE (1) in Section "A " is Compulsory
- ➢ Answer any Two (2) Questions from Section "B"
- ➢ Illustrate your answers where necessary

SECTION "A": COMPULSORY QUESTION

Q1a). Discuss the relevance of Management Information Systems in well-established organization. **(10 marks)**

b). As an Information Systems Consultant, Explain some of the major factors you would consider in establishing an Information System (IS) in an institution of higher learning in Kenya. **(10 marks)**

c). Why is that DSS is an essential in decision-making in an organization. **(10 marks)**

SECTION "B" ANSWER ANY TWO (2) QUESTIONS FROM THIS SECTION

Q2 a) Explain the characteristics and differences of the following major types of systems: i) Transaction Processing Systems (TPS) **(10 marks)**

ii) Management Information Systems (MIS)

iii) Executive Support Systems (ESS)

b) Why have countries like China stopped using Facebook and Twitter? **(10 marks)**

Q3 (a) Describe the major levels of management in a typical private sector or public organization in Kenya, highlighting the type of information required at each level for management purposes. **(10 marks)**

(b) Explain the role of the INTERNET, INTRNET AND EXTRANET in social-economic development in Kenya. **(10 marks)**

Q4 (a) Discuss how Information Systems support user activities and operations in business firms and organizations in Kenya. **(10marks)**

(b) Briefly explain how Kenya is becoming knowledge-based Economy in the World. **(10 marks)**

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