



# **MOI UNIVERSITY**

**OFFICE OF THE CHIEF ACADEMIC OFFICER**

## **UNIVERSITY EXAMINATIONS 2012/2013 ACADEMIC YEAR**

***FORTH YEAR END OF SEMESTER I EXAMINATIONS***

**FOR THE DEGREE OF  
BACHELOR OF BUSINESS MANAGEMENT**

**EXAM CODE:-       BBM 481**

**COURSE TITLE:-    AVIATION INFORMATION MANAGEMENT  
                              SYSTEMS**

**DATE:- 19<sup>TH</sup> MARCH, 2013**

**TIME:- 2.00P.M. - 5.00 P.M.**

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**INSTRUCTION TO CANDIDATES**

➤ **SEE INSIDE.**

**THIS PAPER CONSISTS OF (1) PRINTED PAGES**

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# BBM 481: Aviation Information Management Systems

**Instructions: Answer question one and any other three**

## Question One

- A. Explain the MIS requirements at the three management levels. **(10 Marks)**
- B. Define any measures put in place in Kenya to integrate with other global aviation operations while citing its importance. **(10 Marks)**
- C. State with examples how technology has enabled customers self service. **(5 Marks)**

## Question Two

- A. Describe how aviation information system facilitates safety of Passengers, Crew and general public. **(5 Marks)**
- B. Explain how collaborating control systems, weather systems and global positions systems enhances effective and efficient aviation operation. **(10 Marks)**

## Question Three

- A. State types of technology systems put in place to enhance aviation customer care. **(5 Marks)**
- B. Explain the importance of an AIP in providing information on safety within a given country. **(10 Marks)**

## Question Four

- A. Explain how aviation communication system is an artery of Aviation operations. **(10 Marks)**
- B. Describe the information provided by AIS (Aeronautical Information Services) in Kenya. **(5 Marks)**

## Question Five

Describe how the information provided by a global distribution system (GDS) is utilized within the commercial department of an airline. **(15 Marks)**

## Question Six

Data security is a serious concern to the aviation industry.

- (i). State the data that could be compromised. **(5 Marks)**
- (ii). The causes of security issues. **(5 Marks)**
- (iii). Mechanisms in place to avert and alleviate the security concerns. **(5 Marks)**

## Question Seven

Describe the functions of a FMS (Flight Management System) **(15 Marks)**