



MUEO

MOI UNIVERSITY

*OFFICE OF THE DEPUTY VICE CHANCELLOR ACADEMIC AFFAIRS,
RESEARCH AND EXTENSION*

UNIVERSITY EXAMINATIONS

2014/2015 ACADEMIC YEAR

FOURTH YEAR END OF SEMESTER EXAMINATIONS

FOR THE DEGREE OF BACHELOR OF BUSINESS MANAGEMENT

EXAM CODE: BBM 481

**EXAM TITLE: AVIATION INFORMATION
 MANAGEMENT SYSTEMS**

DATE: 17TH DECEMBER, 2015 TIME: 2.00 P.M.–5.00 P.M.

INSTRUCTION TO CANDIDATES

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INSTRUCTIONS: Answer Question One and Any other THREE Questions

QUESTION ONE [COMPULSORY 25 MARKS]

- a) Discuss any five ICT threats facing aviation Information systems today [5 Marks]
- b) Explain the importance of e-commerce in the aviation industry today [5 Marks]
- c) Discuss the evolution of various MIS applications in the aviation industry [8 Marks]
- d) Differentiate the elements of the Generation IV MIS [2 Marks]

*data base
reservation
no delay
data base*

*online
media 3
3*

QUESTION TWO [15 MARKS]

- a) Explain in details the role of ICT in airfare pricing process [5 Marks]
- b) Explain the strategic role of MIS in the aviation business [10 Marks]

monetary

QUESTION THREE [15 MARKS]

- a) Define and explain specific roles of operational information systems (OIS) in aviation [10 Marks]
- b) Discuss the ICT uses in flight management [5 Marks]

*caption
problem
storage*

QUESTION FOUR [15 MARKS]

- a) Explain the role of ICTs airport management [10 Marks]
- b) Explain the trends of use ICT in the aviation industry [5 Marks]

*e-commerce
communication
problem
online business*

QUESTION FIVE [15 MARKS]

- a) Discuss the tactical roles of ICT in modern aviation industry [10 Marks]
- b) Differentiate any five special Aviation information management systems [5 Marks]