



MUEO

MOI UNIVERSITY

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

UNIVERSITY EXAMINATIONS

2013/2014 ACADEMIC YEAR

THIRD YEAR END OF SEMESTER EXAMINATIONS

FOR THE DEGREE OF BACHELOR OF BUSINESS MANAGEMENT

EXAM CODE: BBM 380

**EXAM TITLE: AIR TRANSPORT AND AIRPORT
OPERATION MANAGEMENT**

DATE: 3RD DECEMBER, 2014 TIME: 2.00 P.M. – 5.00 P.M.

INSTRUCTION TO CANDIDATES

➤ SEE INSIDE

BBM 380 : Air Transport and Airport Operations Management

Instructions :

- i) Answer Question one and any other three questions.
- ii) Be clear and precise

QUESTION 1

Explain the meaning of the following terms as used in air transport and airport operations management:

- a) Finger Pier terminal layout (5 Marks)
- b) Satellite terminal layout (5 Marks)
- c) Broadcast service (5 Marks)
- d) Throughput capacity (5 Marks)
- e) Radio Navigation service (5 Marks)

QUESTION 2

Discuss three factors that should be considered in selecting a suitable airport location.

(15 Marks)

Question 3

Explain how the following factors affect the capacity of a commercial airport.

- i) Fleet mix
- ii) Physical characteristics and airport layout
- iii) Usage of an airport as a hub

(15 Marks)

Question 4

Discuss three ways in which improvement in technology can be used to reduce airport delays.

(15 Marks)

Question 5

Describe three elements of an airport master plan.

(15 Marks)

Question 6

Discuss five ways in which machine readable travel documents (MRTD) enhance air transport facilitation.

(15 Marks)