



MUEO

# **MOI UNIVERSITY**

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

## **UNIVERSITY EXAMINATIONS 2013/2014 ACADEMIC YEAR**

***FIRST YEAR END OF SEMESTER EXAMINATIONS***

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

**EXAM CODE: BCM 111**

**EXAM TITLE: INTRODUCTION TO AIR TRANSPORT**

**DATE: 2<sup>ND</sup> DECEMBER, 2014 TIME: 2.00 P.M. – 5.00 P.M.**

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***INSTRUCTION TO CANDIDATES***

**➤ SEE INSIDE**

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

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**Instruction: Answer questions one and any other three.**

**Question One**

- a). There are many organizations involved in civil aviation activities, give five examples of these organizations and explain their function (10 Marks)
- b). List and explain the broad aims (objectives) of International Civil Aviation Authority (ICAO) (10 Marks)
- c). Draw an aircraft aerofoil and label its different features (5 Marks)

**Question Two**

- a). The global air transport is made up of different networks (alliances), list three major global airline alliances and give at least three member airlines belonging to each alliance. (5 Marks)
- b). list the world's major:
  - i. Airlines
  - ii. Airports
  - iii. Aircrafts (3 Marks)

b). The Atmosphere is made up of layers at different altitudes, draw a structure of the atmosphere and explain its components. (7 Marks)

**Question Three**

- a). Give a brief history of Aviation (12 Marks)
- b). Define what an aircraft is and give the difference between an airport and a heliport. (2 Marks)
- c). There are forces that act on an aircraft in flight, list and explain these forces. (3 Marks)

**Question Four**

- a). What do you understand by the term Airline Deregulation and give three types of Air Service Agreements (ASA) (5 Marks)
- b) Using illustration elaborate on the nine air traffic freedoms. (10 Marks)

**Question Five**

List and explain some of the present challenges in the Aviation Industry (15 Marks)

**Question Six**

The Chicago convention on civil Aviation is currently supported by 18 annexes containing standards and recommended practices (SARPS), outline and elaborate on these annexes. (15 Marks)