



MUEO

MOI UNIVERSITY

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

UNIVERSITY EXAMINATIONS 2016/2017 ACADEMIC YEAR

END OF SEMESTER EXAMINATIONS

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

EXAM CODE:- BCM 111

COURSE TITLE:- INTRODUCTION TO AIR TRANSPORT

DATE:- 16TH DECEMBER, 2016 TIME:- 9.00A.M – 12.00NOON.

INSTRUCTION TO CANDIDATES

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BCM 111: INTRODUCTION TO AIR TRANSPORT

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 [10Mrks]
- b) Define what an aircraft is and give the difference between an airport and a heliport. [5Mrks]
- c) There are forces that act on an aircraft in flight, list and explain these forces. [5Mrks]
- d) give the ways through which airports generate revenue [5Mrks]

QUESTION TWO

- a) Define the term atmosphere and give the composition of the atmosphere. [7Mrks]
- b) using an illustration show the different structures of the atmosphere and explain how temperature behave In each structure. [8Mrks]

QUESTION THREE

Write brief notes about the following, showing clearly their main missions and objectives

- i. ICAO
- ii. IATA
- iii. ACI [5Mrks Each]

QUESTION FOUR

- a) What are the advantages/disadvantages of global airline alliances and list the three major airline alliances giving some of the member airlines. [9Mrks]
- b) What do the following terms mean
 - i. Code share agreement
 - ii. Block space agreement
 - iii. Franchising [6Mrks]

QUESTION FIVE

List and explain some of the present challenges in the Aviation Industry [15 Marks]

QUESTION SIX

- a. State the following laws and principle
 - i. Newton's first law of motion
 - ii. Newton's second law of motion
 - iii. Newton's third law of motion
 - iv. Bernoulli's principle [3Mrks]
- b. Bilateral agreements set certain limitation regarding some factors, which are this factors? [3Mrks]