



MUEO

# MOI UNIVERSITY

OFFICE OF THE DEPUTY VICE CHANCELLOR  
(ACADEMICS, RESEARCH, EXTENSION & STUDENT AFFAIRS)

## UNIVERSITY EXAMINATIONS

### 2022/2023 ACADEMIC YEAR

FIRST YEAR SECOND SEMESTER EXAMINATION

**FOR THE DEGREE OF**

**BACHELOR**

**OF**

**CIVIL AVIATION MANAGEMENT**

**COURSE CODE:** BCM 111

**COURSE TITLE:** INTRODUCTION TO AVIATION BUSINESS

**DATE:** 10<sup>TH</sup> AUGUST, 2023 **TIME:** 2.00 P.M. – 5.00 P.M

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### **INSTRUCTION TO CANDIDATES**

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## BCM 111: INTRODUCTION TO BUSINESS AVIATION

### AUG 2023 EXAM, DRAFT

#### **QUESTION ONE: (Compulsory)**

- a. Describe the major milestones and advancements in the aviation industry's history, including the development of commercial aviation, regulatory frameworks, and technological innovations. **(10 marks)**
- b. Describe the different types of operating cost incurred by an airport. **(10 marks)**
- c. Explain the Primary objectives and functions of ICAO in the aviation industry. **(10 marks)**

#### **QUESTION TWO:**

- a. Differentiate between *business* and *leisure* type passengers. **(10marks)**
- b. Describe **three** types of wing designs **(5marks)**

#### **QUESTION THREE:**

- a. What are the economic importance of aviation industry to a country. **(5 marks)**
- b. What were the main restrictions set in the Bermuda Triangle 1 between the United States and the United Kingdom **(10 marks)**.

#### **QUESTIN FOUR:**

- a. List the most four most abundant gases in Earth's Atmosphere. **(5marks)**.
- b. Evaluate the advantages of forming alliances for airlines and customer benefits. **(10maks)**.

#### **QUESTION FIVE:**

- a. Explain **five** physical components found in the airside highlighting their functions and importance **(10 marks)**.
- b. State **three** types of strategic alliances in the airline and their potential challenges **(5marks)**.

- b. Demonstrate seven benefits an organisation derives from being ISO certified. (8 marks)  
(7 Marks)

### QUESTION SIX

Briefly explain the following terms as used in Total Quality Management systems and practice.

- a) Total quality (3 marks)
- b) Six sigma (6 Marks)
- c) Kaizen (6 marks)