



MOI UNIVERSITY

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

UNIVERSITY EXAMINATIONS 2022/2023 ACADEMIC YEAR FIRST YEAR FIRST SEMESTER EXAMINATION

FOR THE DEGREE OF BACHELOR OF CIVIL AVIATION MANAGEMENT

COURSE CODE: BCM 111

COURSE TITLE: INTRODUCTION TO AVIATION BUSINESS

DATE: 16TH DECEMBER, 2022 **TIME:** 9.00 A.M. – 12.00 NOON

INSTRUCTION TO CANDIDATES

- SEE INSIDE.

THIS PAPER CONSISTS OF (3) PRINTED PAGES

PLEASE TURN OVER

BCM 111: INTRODUCTION TO AIR TRANSPORT

INSTRUCTIONS TO CANDIDATES: ATTEMPT QUESTION ONE AND ANY OTHER

QUESTION ONE:

Read the case study below and answer questions (i) and (ii) that follows.

The SkyTeam Alliance Case

As a consequence of the liberalization of air transport, some airlines have attempted to align with each other, leading to reduced government involvement in aviation. Kenya Airways is a member of the SkyTeam Alliance since 2007 and is proud to be the only Africa carrier in the Alliance. This Alliance formed in the year 2000. The current membership consists of Aeroflot, Aerolineas Argentinas, AeroMexico, Air Europa, Air France, Alitalia, China Airlines, China Eastern, Czech Airlines, Delta Air Lines, Garuda Indonesia, Kenya Airways, KLM Royal Dutch Airlines, Korean Air, Middle East Airlines, Saudia, TAROM, Vietnam Airlines and Xiamen Airlines. SkyTeam key focus is the customer. *(Extracted from: kenya-airways.com on 22nd November, 2021).*

- i. Discuss some **five** benefits that the customers are likely to enjoy from such alliances
(10marks).
- ii. Describe **four** shortcomings of such alliances
(4marks).
- a. Explain the challenges and threats affecting Air Transport Industry and suggest possible solutions as an upcoming expert in the aviation field
(6marks)
- b. Explain **five** factors influencing Lift and Drag in an aircraft
(5marks)

QUESTION TWO:

The Chicago Convention of 1944 establishes the framework under which International Air Transport is regulated. The key components in this system are the freedoms of the air.

- a. Describe the main **five** main freedoms of the air forming part of regulatory framework within the Aviation industry

(10marks)

- b. What were some of the **five** restrictions set forth in the very first bilateral agreement (**Bermuda I**) concluded between the UK and the US, explain each

(5marks)

QUESTION THREE:

- a. Explain **three** objectives of International Air Transport Association (IATA)

(6 marks)

- b. State and explain the different types of atmosphere within the aviation industry (9 marks).

QUESTION FOUR:

- a. Discuss **five** Economic Impacts of Airports such as Jomo Kenyatta International Airport in Nairobi, Kenya (5marks).
- b. Shortly after Kenya announced plans to have national carrier Kenya Airways manage Jomo Kenyatta International Airport (JKIA), neighboring Ethiopia announced similar move, the government saying it is open to partially sell off Ethiopian Airlines to investors. What are some of the disadvantages of such moves

(10marks).

QUESTION FIVE:

- a. Airport as an Operational System is made up of **three** main components. Identify the components, distinguish clearly while showing examples of each

(9marks).

- b. Distinguish clearly between business and leisure type of passenger strata

(6marks).

QUESTION SIX:

- a. Giving **two** examples in each case, distinguish between **Aeronautical Revenues** sources and **non-aeronautical revenues** sources currently enjoyed by Kenya Airport's Authority as a result of expanding Kisumu International Airport

(6marks)

- b. Trace the development of Aviation industry to date noting to outline the key milestones

(9marks).

