



MUEO

MOI UNIVERSITY

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

UNIVERSITY EXAMINATIONS

2018/2019 ACADEMIC YEAR

FOURTH YEAR FIRST SEMESTER EXAMINATION

FOR THE DEGREE OF

BACHELOR OF SCIENCE

IN

CIVIL AVIATION MANAGEMENT

COURSE CODE: BCM 413

COURSE TITLE: AERONAUTICAL INFORMATION MANAGEMENT &
FACILITATION

DATE: 11TH DECEMBER, 2018 **TIME:** 9.00 A.M. – 12.00 NOON

INSTRUCTION TO CANDIDATES

- ANSWER QUESTION ONE AND ANY OTHER THREE QUESTIONS

BCM 413:AERONAUTICAL INFORMATION MANAGEMENT & FACILITATION

QUESTION 1

- a) Define the term 'Flight plan'. (4 Marks)
- b) Describe the four functions of Aeronautical Information Service. (12 Marks)
- c) Explain the three categories under which the scope of information handled by AIS falls. (9 Marks)

QUESTION 2

- a) State the three purposes of a flight plan. (3 Marks)
- b) Differentiate between Inadmissible persons and Deportees. (2 Marks)
- c) Differentiation and identification of the subjects of Aeronautical Information Circulars is done using color coding. Identify the colors used and give meaning of each. (10 Marks)

QUESTION 3

- a) Briefly explain the need for an AIRAC cycle. (4 Marks)
- b) State the three significant dates associated with the AIRAC system (3 Marks)
- c) State the mode (method) AIS would use in disseminating each of the following information/data
- AIRAC cycle system dates relating to a state.
 - Co-ordinates of the location of Prohibited, Restricted or Danger areas of a state.
 - Advice on medical matters of special interest to pilots.
 - Establishment, closure or significant changes in operation of aerodrome (s) or runway (s) (8 Marks)

QUESTION 4

Describe the elements of an Integrated Aeronautical Package (IAIP). (15 Marks)

QUESTION 5

Explain briefly the need for an AIS. (15 Marks)

QUESTION 6

a) Discuss any five benefits of Aeronautical Information Management.

(10 Marks)

b) State five circumstances necessitating the issuance of a NOTAM.

(5 Marks)

