



MURANG'A UNIVERSITY OF TECHNOLOGY
SCHOOL OF HOSPITALITY TOURISM AND TRAVEL
MANAGEMENT

DEPARTMENT OF HOSPITALITY MANAGEMENT

ORDINARY UNIVERSITY EXAMINATION

2023/2024 ACADEMIC YEAR

FOURTH YEAR SECOND SEMESTER EXAMINATION FOR BACHELOR
OF SCIENCE IN HOSPITALITY MANAGEMENT

HTT 406 – AIRTRAFFIC NAVIGATION

DURATION: 2 HOURS

INSTRUCTIONS TO CANDIDATES:

1. Answer question one and any other two questions.
2. Mobile phones are not allowed in the examination room.
3. You are not allowed to write on this examination question paper.

SECTION A: ANSWER ALL QUESTIONS IN THIS SECTION

QUESTION ONE (30 MARKS)

Using an illustration, describe annex 11

- a) The Chicago convention (8 marks)
- b) Air traffic service shall comprise of three services; list and explain those areas. (6 marks)
- c) Describe traffic conflict management. (6 marks)
- d) Describe air navigation service infrastructure. (6 marks)
- e) Highlight limitations of the convention air traffic system. (4 marks)

SECTION B – ANSWER ANY TWO QUESTIONS IN THIS SECTION

QUESTION TWO (20 MARKS)

- a) Discuss air space management levels. (10 marks)
- b) Air transport has matured and ICAD is encouraging. Stats for the need of autonomous entities. Explain the reasons. (10 marks)

QUESTION THREE (20 MARKS)

- a) Describe five models for cross border service provision. (10 marks)
- b) Discuss states concern in respect ANS. (10 marks)

QUESTION FOUR (20 MARKS)

- a) Discuss three forms of privitisation. (9 marks)
- b) Comment on proposal for Kenya airways request to manage Kenya airport authority. (11 marks)