UTHM
Universiti Tun Hussein Onn Malaysia

UNIVERSITI TUN HUSSEIN ONN MALAYSIA

FINAL EXAMINATION
SEMESTER II
SESSION 2023/2024

COURSE NAME : AVIATION ECONOMY AND MANAGEMENT

COURSE CODE : BDU 30202

PROGRAMME CODE : BDC

EXAMINATION DATE : JULY 2024

DURATION : 2 HOURS

INSTRUCTIONS : 1. PART A: ANSWER ALL QUESTIONS.
PART B: ANSWER **ONE (1)** QUESTION FROM TWO (2) QUESTIONS ONLY
2. THIS FINAL EXAMINATION IS CONDUCTED VIA
☐ Open book
☒ Closed book
3. STUDENTS ARE **PROHIBITED** TO CONSULT THEIR OWN MATERIAL OR ANY EXTERNAL RESOURCES DURING THE EXAMINATION CONDUCTED VIA CLOSED BOOK

THIS QUESTION PAPER CONSISTS OF **THREE (3)** PAGES

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PART A

Q1   (a)   Discuss five different purposes of airport.

(5 marks)

(b)   Total Airport management System (TAMS) is an integrated system featuring solutions for flight management, resource allocations, capacity planning and commercial management. Compare the condition with and without TAM for bridging gaps in airport management in.

(10 marks)

(c)   Discuss the associated challenges faced by Airport Collaborative Decision Making (CDM) partners in achieving their aims to improve the efficiency and resilience of airport operations by optimising the use of resources and improving the predictability of air traffic.

(10 marks)

Q2   (a)   Discuss the advantages and disadvantages of having open sky agreement between countries.

(10 marks)

(b)   Discuss the key point and agreement as the outcome of these treaty:
(i)   Paris Convention 1919
(ii)   Havana Convention 1928
(iii) Warsaw Convention 1929
(iv)   Chicago Conference 1944
(v)   Kyoto Protocol

(10 marks)

(c)   List **five (5)** types of terminal building concepts.

(5 marks)

Q3   (a)   Explain and provide example of **four (4)** types of risks to consider in PEAR model.

(16 marks)

(b)   Describe the risks that can be covered by insurance associated to aviation business and operations.

(9 marks)

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PART B

Q4   (a)   Describe Freedom of the Air (FOA) and state its application to a commercial aviation.

(5 marks)

(b)   Elaborate **five (5)** categories of Freedom of the Air (FOA).

(10 marks)

(c)   Based on your explanation in Q4(b), provide example of home country, destination country and airlines name for the five (5) selected FOAs.

(10 marks)

Q5   (a)   Identify **FIVE (5)** factors of production based on the production theory.

(5 marks)

(b)   Elaborate **seven (7)** strategies as discussed in the Malaysian Aerospace Industry Blueprint (MAIB) 2030 to ensure implementation of MAIB resulted in the desired outcomes.

(10 marks)

(c)   Constructively discuss the lofty challenges faced by different aviation partners in Malaysia.

(10 marks)

- END OF QUESTIONS -

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