

UNIVERSITI TUN HUSSEIN ONN MALAYSIA

FINAL EXAMINATION SEMESTER I **SESSION 2022/2023**

COURSE NAME

AVIATION

ECONOMY

AND

ALL

MANAGEMENT

COURSE CODE

: BDU 30202

PROGRAMME CODE

: BDC

EXAMINATION DATE

: FEBRUARY 2023

DURATION

: 2 HOURS

INSTRUCTION

SECTION A: ANSWER : 1.

QUESTIONS

SECTION B: ANSWER ONE QUESTION

ONLY

2.THIS FINAL EXAMINATION CONDUCTED VIA CLOSED BOOK.

3.STUDENTS ARE PROHIBITED TO CONSULT THEIR OWN MATERIAL OR **EXTERNAL** RESOURCES ANY **EXAMINATION** THE DURING

CONDUCTED VIA CLOSED BOOK

THIS QUESTION PAPER CONSISTS OF FOUR (4) PAGES .

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SECTION A: ANSWER ALL QUESTIONS.

- Q1 (a) Describe Frederick Taylor's principle of scientific management. (10 marks)
 - (b) Relate how modern managers apply the scientific management principles at the workplace. (15 marks)
- Q2 (a) The aircraft logbook is the record in which all data concerning the aircraft is recorded. Identify the information gathered in aircraft logbook and determine the importance of aircraft maintenance logbook.

 (5 marks)
 - (b) List relevant steps for safety measure that can be taken to reduce aviation risk.

 (10 marks)
 - (c) Identify the major insurance coverage included in aviation industry. (10 marks)
- Q3 (a) List 7 strategies discussed in Malaysia Aerospace Industry Blueprint 2030. (14 Marks)
 - (b) Identify five focus area in ensuring smooth progress of Malaysia Aerospace Industry Blueprint 2030. (5 Marks)
 - (c) Describe the improvements to airport security as the consequences of 911 incidents.

 (6 marks)

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SECTION B: ANSWER ONE QUESTION ONLY.

Q4 You are given the job as Airline Operation Manager. The first task is to identify teams that are going to work together with you to manage the airport.

(a) Illustrate organizational structure for your full-service carrier team.

(10 marks)

(b) Identify the roles of each department that you mention in the organizational chart in answer Q4(a).

(15 marks)

- Assume that a board chairman of an aircraft manufacturing company claims his team to make a comparison between two potential aircraft development projects. He also reminds them that the company's financial health is getting poor, so he must select between Project 1 or Project 2. **Table Q5(a)** summarizes all the given project parameters.
 - (a) Calculate the amount of money to be spent and the amount of money to be earned from each project to address economic efficiency.

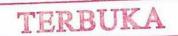
(15 marks)

(b) Based on your calculation in Q5(a), choose which project to presume and explain why.

(10 marks)

END OF QUESTIONS -





FINAL EXAMINATION

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Table Q5(a): Project parameters

Project Parameters	Project 1	Project 2
Project Duration (Years)	3	2
Total Units to be Constructed	500	400
Units For Sale	400	350
Units for Rent	100	50
Lease Period of Units (Years)	20	15
Units for Sale after Leasing Period	100	50
Manufacturing cost for each unit (RM)	100,000	90,000
Sales Office Cost (RM)	2,000,000	3,000,000
Sales Personnel Cost per Year (RM)	300,000	250,000
Financing Cost per Year (RM)	3,000,000	2,500,000
Sale Price of Each Unit (RM)	120,000	135,000
Sale Price of Each Unit After Leasing Period (RM)	70,000	80,000
Lease Price of Each Unit Per Year (RM)	4000	4500

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