



TECHNICAL UNIVERSITY OF MOMBASA

School of Humanities and Social Sciences

Department of HOSPITALITY & Tourism MANAGEMENT

UNIVERSITY EXAMINATION FOR THE DEGREE OF:
BACHELOR OF SCIENCE IN TOURISM MANAGEMENT (BSTMS23)
HHT 4209: INTRODUCTION TO AIRFARE AND TICKETING
END OF SEMESTER EXAMINATION

SERIES: APRIL 2025

TIME: 2 HOURS

DATE: Pick Date **Apr 2025**

Instructions to Candidates

You should have the following for this examination

-Answer Booklet, examination pass and student ID

This paper consists of **FIVE** questions. Attempt question ONE (Compulsory) and any other TWO questions.

Do not write on the question paper.

SECTION A (Answer all the questions)

30 POINTS

QUESTION ONE

a) Encode the following cities (10 marks)

- a. Cairo
- b. Johannesburg
- c. London
- d. Dubai
- e. Sydney
- f. Frankfurt
- g. Amman
- h. Mumbai
- i. New York
- j. Los Angeles

b) Round off the following Local Currency Fares (LCFs) taking into consideration the rounding units and the decimal position. (10mks)

1. Australia	AUD 5033.19	
2. Morocco	MAD 41152.08	
3. Pakistan	PKR 7630.17	
4. Iraq	IQD 326.203	
5. Mali	XOF 36700.04	
6. Tunisia	TND 2073.231	
7. USA	USD 702.49	
8. Mauritania	MRQ 7346.60	
9. Hong Kong	HKD 8614.75	
10. Japan	JPY 4981.96	

- c) Determine the correct global indicator for the following routes: (10mks)
- Amman-Nairobi-Harare-Johannesburg
 - Sydney-Perth-Bangkok-Moscow
 - Honolulu- Los Angeles-Mexico-Lima
 - Casablanca-Madrid- Washington-Atlanta
 - Copenhagen- St.Petersburg-Moscow-Seoul
 - Amsterdam- Boston – San Diego-Manila
 - Buenos Aires-Las vegas- Auckland
 - Kuala Lumpur- Capetown-Sao Paulo
 - Santiago De Chile- Johannesburg-Singapore-Hong Kong
 - Dublin- Paris- Tokyo- Hong Kong

SECTION B (Answer only TWO questions)

QUESTION TWO

Refer to the Fare Calculation Box below & answer the following questions

(9Mks)

MIL AZ X/FRA LH AMS LH LON BA LAX M AMSLAX2533.21 NUC 2533.21END
ROE1.08786

CITIES	Y OW FARES IN NUCS
MIL-LON	585.67
AMS- LAX	2533.21
MIL-LAX	2023.53

- Name the type of journey
- How many transfers are in the entire journey?
- How many stopovers are in the entire journey?
- In which sub area is the origin city located?
- What Global Indicator best serves the route?
- Is there any HIP Fare? (YES/NO) if yes indicate where and the amount in NUC
- What is the fare in local currency fare?
- How many fare components can you identify?
- Which is the predominant carrier in the routing?

b) Outline five features of normal fares

(5mks)

c) Explain three types of journeys in international travel

(6marks)

QUESTION THREE

Determine the lowest applicable normal adult fare for the journey below;

(20 Marks)

Itinerary: Toronto-AC-Chicago-AA-Miami-AA-Buenos Aires-RG-Sao Paulo

Fare Type: First class normal

TPMs: YTO-CHI 436, CHI-MIA 1190, MIA-BUE 4417, BUE SAO 1056

Stopovers: At all points, except Miami

FARES IN NUCS

	FOW	MPM
YTO-SAO	2336.30	6090
YTO- CHI	984.77	
YTO - BUE	2248.68	

CHI-BUE	3014.00
CHI -SAO	3035.00
BUE-SAO	495.00

QUESTION FOUR

Calculate the lowest applicable normal adult fare the route below; (20 Marks)
 Itinerary: Bangkok-MH-Kuala Lumpur-MH-Mauritius-HM-Mahe Island
 Fare Type: Business Class Normal
 TPMs: BKK KUL 762, KUL MRU 3387, MRU SEZ 1104
 Stopovers: At all points

BKK	TPM	Carrier	Class
KUL	762	MH	C
MRU	3387	MH	
SEZ	1104	HM	

FARES IN NUCS

	COW	MPM
BKK-KUL	184.67	914
BKK-MRU	1052.96	5247
BKK-SEZ	796.68	6118
KUL- MRU	1368.42	4407
KUL - SEZ	1117.10	5732
MRU- SEZ	306.51	1324

QUESTION FIVE

Calculate the lowest applicable fare for the above Round Trip journey

Routing: Moshi –KL- Amsterdam –LB- London –LH- Frankfurt –ET- Addis Ababa –TC- Moshi

FARES IN NUC

JRO – AMS	YRT	2364	<u>MPM</u>	5154	JRO	<u>TPMS</u>
JRO – LON		2463		5271	AMS	4288 EH
JRO – FRA		2176		4924	LON	217 EH
					FRA	396 EH
					ADD	3324 EH
					JRO	867 EH

APPENDICES

CURRENCY CONVERSION RATE TABLE

COUNTRY	CURRENCY CODE	IROE IN NUC	ROUNDING UNITS		DECIMAL UNIT
			Higher Unit	Nearest Unit	
AUSTRALIA	AUD	1.979350	H1		2
CANADA	CAD	1.551818		N1	2
GERMANY	EUR	1.087860	H1		2
HONG KONG	HKD	7.799900	H10		0
IRAQ	IQD	0.312400	H0.1		3
ITALY	ITL	21.063911	H100		0
JAPAN	JPY	120.131767	H100		0
MALI	XOF	713.589552	H100		0
MAURITANIA	MRO	252.042000	H1		0
MOROCCO	MAD	10.715605	H5		0
PAKISTAN	PKR	60.304643	H10		0
TANZANIA	USD	1.000000		N1	2
THAILAND	THB	43.643504	H5		0
TUNISIA	TND	1.394640	H0.1		3
USA	USD	1.000000		N1	2
SINGAPORE	SGD	1.760780		N1	0

EMS

If result is Surcharge the fare by;

Over 1.00000 but not higher than 1.05..... 5%

Over 1.05000 but not higher than 1.10 10%

Over 1.10000 but not higher than 1.15 15%

Over 1.15000 but not higher than 1.20 20%

Over 1.20000 but not higher than 1.25 25%

EMA

The Extra mileage allowance is not applicable.