



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 (BSTMS22)

HHT 4306: ADVANCED AIRFARE AND TICKETING
END OF SEMESTER EXAMINATION

SERIES: JULY 2025

TIME: 2 HOURS

DATE: Pick Date Jul 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 1

a) Decode and Encode the following; (7mks)

- | | |
|----------|----------------|
| i. KL | ix. ORD |
| ii. US | x. San Juan |
| iii. CX | xi. Lima |
| iv. WAS | xii. Melbourne |
| v. YHZ | xiii. Doha |
| vi. YMQ | xiv. Dodoma |
| vii. FRA | |

viii. NRT

b) Identify the predominant carrier in these journeys (4mks)

- i. Paris – AF-Toronto-AC-New York
- ii. Entebbe- KQ-Nairobi-KL-Amsterdam-ET-Addis Ababa
- iii. Moscow-QA-Doha-KE-Seoul
- iv. London –BA-San Francisco-DL-Sydney

c) Round the following local currencies: (5mks)

- i. CAD 4253.64 (H1) 2 decimal places
- ii. ETB 1325.56 (N1) 0 decimal places
- iii. EUR 854.78 (H10) 2 decimal places
- iv. USD 1500.45(N0.1) 2 decimal places
- v. INR 4468.52 (H 100) 0 decimal places

d) Outline six features of normal fares (6mks)

e) Explain four benefits of using Billing and Settlement Plan (BSP) to the travel and tour agents (8mks)

QUESTION TWO

a) Establish the three steps in using standard class differential method for mixed class travel (3mks)

b) Calculate the lowest applicable normal adult fare the mixed class journey below; (17 Marks)

Itinerary : Johannesburg – OS – Budapest –MA – Vilnius – OV – Helsinki – AY – Stockholm

	TPM
JNB-BUD	5582
BUD-VNO	672
VNO-HEL	384
HEL-STO	351

Class : Y except JNB-BUD and HEL-STO (Coach class-C)

FARES	YOW NUCS	COW NUCS	MPM
JNB-BUD	850.00	1710.33	6159
JNB-STO	945.00	1895.98	7141
JNB-VNO	988.00	1939.07	6817
HEL-STO	103.00	208.76	301

QUESTION THREE

a) Describe the three IATA Conference Areas and identify at least one sub-area in each area (10mks)

b) Explain the impact of Global Distribution Systems (GDS) to the Travel Industry (10mks)

QUESTION FOUR

Calculate the lowest applicable fare for the following return journey (20Mks)

Itinerary: Singapore-SQ-Bangkok-TG-Cairo-MS-Paris-AS-Singapore

Fare Basis: F

Stopovers: At all points

TPM: SIN-BKK 897, BKK-CAI 4509, CAI-PAR 220, PAR-SIN 6665

Fares	F RT in NUCs	MPM
SIN-BKK	1026.94	1076
SIN - CAI	5092.12	6161
SIN - PAR	6665.62	8552

QUESTION FIVE

Calculate the lowest applicable fare for the following Circle trip journey (20Mks)

Itinerary: New York -BA-London-BA-Paris-AF-Frankfurt-LH-New York

Fare Basis: C

Stopovers: At all points

TPM: NYC-LON 3458, LON-PAR 216, PAR-FRA 275, FRA-NYC 3851

Fares	F ½ RT in NUCs	MPM
NYC-LON	4346.00 (8692.000)	AT 4149
NYC-PAR	3673.00 (7346.00)	AT 4360
NYC-FRA	3673.00 (7346.00)	AT 4621

APPENDICES

CURRENCY CONVERSION RATE TABLE

COUNTRY	CURRENCY CODE	IROE IN NUC	ROUNDING UNITS		DECIMAL UNIT
			Higher Unit	Nearest Unit	
INDIA	INR	46.589100	5		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
SOUTH AFRICA	ZAR	11.366200	H10		2
SINGAPORE	SGD	1.760780		N1	0
USA	USD	1.000000		N1	2

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.