



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS
2018/2019 ACADEMIC YEAR
THIRD YEAR, FIRST SEMESTER**

**SCHOOL OF TOURISM AND NATURAL
RESOURCE MANAGEMENT
BACHELOR OF TOURISM MANAGEMENT**

**COURSE CODE: BTM3108
COURSE TITLE: AIRFARE AND TICKETING
INFORMATION SYSTEMS**

DATE: 6TH DECEMBER 2018

TIME: 0830 - 1030HRS

INSTRUCTIONS TO CANDIDATES

Answer question **ONE** compulsory and any other **THREE** questions

This paper consists of 4 printed pages. Please turn over.

SECTION A- (25 MARKS)

1. a) Encode the following cities. **(5Marks)**
- i) Cairo
 - ii) Johannes burg
 - iii) London
 - iv) Singapore
 - v) Mexico
- b) i) Define the term: Global indicator. **(2Marks)**
ii) Highlight five major Global Distribution Systems in travel and tourism industry. **(5Marks)**
- c) Highlight five advantages of Billing and Settlement Plan to travel agents. **(5Marks)**
- d) Discuss the various methods of payment in the travel industry. **(4Marks)**
- e) Explain the various types of Taxes, Fees and Charges (TFCs) in the travel industry. **(4Marks)**

SECTION B- (45 MARKS)

2. a) Given the IATA sub -areas - Central Africa, Eastern Africa, Europe, Indian Ocean islands, Mid Atlantic, Middle East, North Atlantic, South Asian sub-continent, South East Asia, South Africa, South West Pacific, Western Africa, Japan/Korea, Libya; indicate the location of the countries listed below for fare construction purposes **(8Marks)**
- i) Kenya
 - ii) Mexico
 - iii) Zambia
 - iv) Ireland
 - v) New Zealand
 - vi) Japan
 - vii) Libya
 - viii) Madagascar
- b) Determine the correct global indicators for the following routes: **(7Marks)**
- i) Amman-Nairobi-Harare-Johannesburg
 - ii) Sydney-Perth-Bangkok-Moscow
 - iii) Honolulu-Los Angeles-Mexico-Lima
 - iv) Casablanca-Madrid-Washington-Atlanta
 - v) Copenhagen-St. Petersburg-Moscow-Seoul
 - vi) Amsterdam-Boston-San Diego-Manila
 - vii) Buenos Aires-Las Vegas-Auckland

- 3 a) Round off the following Local Currency Fares (LCFs) taking into consideration the rounding units and the decimal position. **(8 Marks)**

1	Australia	AUD5033.19	
2	Morocco	MAD41152.08	
3	Pakistan	PKR7630.17	
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	

b) Explain the major benefits of participating in the IATA Billing and Settlement Plan. **(7Marks)**

4. a) Determine the lowest applicable normal adult fare for the journey below: **(8Marks)**

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	2448.68	
CHI-BUE	3014.00	
CHI-SAO	3035.00	
BUE-SAO	495.00	

b) Construct the transitional automated ticket using the above information. **(7 Marks)**

5 a) Refer to the Fare Calculation Box below and answer the following questions.

MIL AZ X/FRA LH AMS LH LON BA LAX M AMSLAX 2533.21 NUC 2533.21 END
ROE 1.08786

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

i) Name the type of journey **(1Mark)**

ii) How many transfers are in the entire journey? **(1Mark)**

iii) How many stopovers are in the entire journey? **(1Mark)**

iv) In which sub area is the origin city located? **(1Mark)**

v) Is there any HIP Fare? (YES/NO) if yes indicate where and the amount in NUC **(2Marks)**

v) What is the fare in local currency ? **(1Mark)**

vi) Which is the predominant carrier in the routing? **(1Mark)**

b) Explain the role of IATA in international travel and tourism industry. **(7Marks)**

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	2106.391183	H100		0
JAPAN	JPY	120.131767	H100		0
MALI	XOF	713.589552	H100		0
MAURITANIA	MRO	252.042000	H20		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 results is	surcharge the fare by;
Over 1.000000 but not higher than 1.05	5%
Over 1.05000 but not higher than 1.10.....	10%
Over 1.100000 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.

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