MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS
2021/2022 ACADEMIC YEAR

THIRD YEAR FIRST SEMESTER

SCHOOL OF NATURAL RESOURCES, TOURISM AND HOSPITALITY MANAGEMENT

BACHELOR OF TOURISM MANAGEMENT

COURSE CODE: BTM 3108

COURSE TITLE: AIRFARE AND TICKETING AND INFORMATION SYSTEMS

DATE: **TIME:**

INSTRUCTIONS TO CANDIDATES

Answer **ALL** questions in section **A** and any other **Two** in section **B.**

This paper consists of 2 printed pages. Please turn over

SECTION A: COMPULSORY (30 MARKS)

1. a) Expound on the following terms:

(10 Marks)

i) Fare construction point
ii) Fare component
iii) Ticketed point
iv) Constructed fare
v) Global indicator

b) Explain four methods of payment in travel industry. (4 Marks)

c) Discuss the journey concept in travel and tourism industry. (5 Marks)

d) Which Global Indicator/Direction Code will apply to the routings below?

(5 Marks)

Routings with Nonstop Sector Flights	Global Indicators
Hong Kong-Johannesburg-Sao Paulo	
Warsaw-New York-Singapore	
Vienna-Dudai-Jakarta- Sydney	
Manila-Hanoi-Moscow	
Tokyo-Anchorage-Seattle	

e) Critically analyze the various types of TFCs in the travel industry. (6 Marks)

SECTION B: (40 MARKS) ANSWER ANY TWO QUESTIONS.

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

(10Mks)

i) Kenya
ii) Mexico

iii) Zambia
iv) Ireland
v) New Zealand
vi) Japan
vii) Libya
viii) Madagascar
ix) Taiwan
x) Sri Lanka

b) Critically discuss the major Global Distribution Systems in travel and tourism industry. (10 Marks)

3 a) Calculate the applicable normal fare for the following journey using one single fare component.

Itinerary: Kuala Lumpur-Al Delhi-IC-Mumbai-SV-Riyadh-KU-Kuwait.

Fare type: Economy

TPMs

KUL
DEL 2395
BOM 708
RUH 1722
KWI 306

FARES IN NUC

	YOW	**MPM**
KUL - DEL	641.05	-
RUH	753.42	-
KWI	686.57	4762
BOM –KWI	356.06	2056
RUH	318.11	-
RUH - KWI	204.00	-

Questions:

i) Calculate the lowest applicable fare for the routing. (7 Marks)
ii) Show the corresponding fare calculation box. (3 Marks)

b) Determine the lowest applicable normal adult fare for the journey below: (10 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	2448.68
CHI-BUE	3014.00
CHI-SAO	3035.00
BUE-SAO	495.00

4. Given the table below, calculate the lowest applicable normal fare in NUC without tax for the following ONE WAY journey.

Itinerary: Manila-MH-Kuala Lumpur-LH-Frankfurt-SR-Zurich-SR-Rome
Class: C
Ticket: issued and paid for in Manila
TPM: MNL-KUL 1542, KUL-FRA 6185, FRA-ZRH 178, ZRH-ROM 435.

FARES	COW NUC	MPM EH
MNL-FRA	1695.00	9116 EH
MNL-ROM	1620.00	8533 EH
MNL-KUL	438.00	1850
MNL-ZRH	1620.00	8984
KUL-FRA	1684.00	8100
KUL-ROM	1644.10	7616
KUL-ZRH	1722.44	7968
FRA-ROM	627.59	717
FRA-ZRH	311.49	213
ZRH-ROM	542.12	522

a) **WITHOUT** stopover in Kuala Lumpur. (10Marks)

b) **WITHOUT** stopover in both Kuala Lumpur and Frankfurt. (10Marks)

5 a) Critically, analyze the five functions of International Air Transport Association in the travel and Tourism Industry. (10 Marks)

b) Calculate the lowest applicable normal adult fare of the route below. (7 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

b) Construct the transitional automated ticket using the above information.

(3 Marks)

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.

Fare formula steps.

Step	OW application
Fare type	Determine the type of fare best suited to the passenger's travel details
FCP	Identify the fare construction point such as the origin and destination of the fare component
NUC	Quote the fare in neutral unit of construction from the origin to the destination following the appropriate global indicator
RULE	Identify the rule number or route map reference, if any. Check specified routing table or Routings paragraph of the rule to see if the fare component is a specified routing
MPM	Note the maximum permitted mileage and the correct global indicator
TPM	Show the total of the Ticketed Point mileage
EMA	Show the TPM deduction, if any
EMS	Extra mileage surcharge- apply the appropriate surcharge percentages
HIP	Higher intermediate point fare.
RULE	Show rule number and follow the stopover/transfer conditions
AF	Show the applicable fare in any NUC for the component
CHECK	Identify the applicable minimum fare check) and show the highest fare as the required by the check(s)
TOTAL	Add AF of all are components including "Q" surcharges and show the final sum
IROE	Convert NUC into local currency fare and the IATA rate of exchange of the country of commencement of international travel
LCF	Write down the final local currency fare with the correct number of decimal places

……End……