



**NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY**

**FACULTY OF COMMERCE, HUMAN SCIENCE AND EDUCATION
DEPARTMENT OF MARKETING, LOGISTICS AND SPORTS MANAGEMENT**

QUALIFICATION : BACHELOR OF TRANSPORT MANAGEMENT & BACHELOR OF LOGISTICS AND SUPPLY CHAIN MANAGEMENT	
QUALIFICATION CODE: 07BTRA	LEVEL: 6
COURSE CODE: MTS621S	COURSE NAME: MARITIME AND AIR TRANSPORT SAFETY AND INFRASTRUCTURE CONSIDERATIONS
SESSION: NOVEMBER 2022	PAPER: THEORY
DURATION: 3 HOURS	MARKS: 100

FIRST OPPORTUNITY EXAMINATION PAPER	
EXAMINER(S)	Mr. OSCAR KAVERU (FM, PM & DI)
MODERATOR:	Ms. JACINTO SILVA
INSTRUCTIONS	
<ol style="list-style-type: none">1. Answer any four (4) questions2. Read all the questions carefully before answering.3. Number the answers clearly	

THIS QUESTION PAPER CONSISTS OF 3 PAGES (Including this front page)

SECTION A:

QUESTION 1:

- 1.1 What is the role of Information Technology in transport? (5 marks)
- 1.2 Name the four (4) pillars of future transport, which are marked / characterized by the development of Information Technologies Systems? (8 marks)
- 1.3 Narrate any two (2) Core Elements of Successful Safety Programs and elaborate on their respective functions? (12 marks)

Sub-total: 25 marks

SECTION B:

QUESTION 2:

- 2.1 Briefly, define what is Accident Severity Classifications by Haddon Matrix? (5 marks)
- 2.2 According to Sharda 2011, Sea Transport Accident types can be categorised, narrate any five (5) such accidents categories? (10 marks)
- 2.3 Critically, evaluate any five (5) Aviation Flight Phases and elaborate on their respective functions? (10 marks)

Sub-total: 25 marks

SECTION C:

QUESTION 3:

- 3.1 What the objective of the International Maritime Dangerous Good Code? (12 marks)
- 3.2 Briefly, discuss the State of the Transportation Security Administration post September 11, 2001, hence, its inception in November 2001? (13 marks)

Sub-total: 25 marks

SECTION D:

Question 4:

- 4.1 Narrate any four (4) common accidents that happen to offshore workers that can be compensated for under different types of Maritime Law? (8 marks)
- 4.2 Name any top six (6) causes of general Aviation Accidents and briefly elaborate on their severity thereof? (12 marks)
- 4.3 There are two (2) main types of personal injury compensation damages, name the two and elaborate on their functions? (5 marks)

Sub-total: 25 marks

SECTION E:

Question 5:

5.1 Ships' Routeing:

5.1.1 What's it for? (5 marks)

5.1.2 Why is it needed? (5 marks)

5.1.3 Who does the Ships' Routeing apply to?

(5 marks)

5.2 Briefly, discuss the Cases of Force Majeure under Article IV of The International Convention for the Safety of Life at Sea (SOLAS), 1974, which is currently in force?

(10 marks)

Sub-total: 25 marks

Grand Total: 100 Marks