



NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY
FACULTY OF MANAGEMENT SCIENCES
DEPARTMENT OF MARKETING AND LOGISTICS

QUALIFICATION: BACHELOR OF TRANSPORT MANAGEMENT	
QUALIFICATION CODE: 07BTRM	LEVEL: 6
COURSE CODE: PRI612S	COURSE NAME: PRACTICAL ROAD SAFETY AND INFRASTRUCTURE MANAGEMENT
SESSION: JANUARY 2020	PAPER: THEORY
DURATION: 3 HOURS	MARKS: 100

SECOND OPPORTUNITY EXAMINATION QUESTION PAPER	
EXAMINER(S)	Ms. Gloria Tshoopara
MODERATOR:	Ms Ester Jesaya
INSTRUCTIONS	
<ol style="list-style-type: none">1. Answer ALL the questions.2. Write clearly and neatly.3. Number the answers clearly.	

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

QUESTION 1

1.1 What is meant by the following terms in respect to road safety? [5 x 2 marks=10]

- A. Mean traffic speeds, seat-belt and helmet wearing rates, drunk-driving, and vehicle and infrastructure safety ratings.
- B. Medical expenses, road repair costs, loss of productivity, loss of life, and decrease in quality of life
- C. Including various enforcement efforts.
- D. Including at least death and serious injuries to road users, and characteristics of the crashes that result in them.
- E. Demographic data, number of licenced drivers, traffic volumes data and infrastructure factors to help interpret crash data and measure indicators.

1.2 What does the following abbreviations stands for: [5 x 2 marks=10]

- A. OECD [2 marks]
- B. UNRSC [2 marks]
- C. NRSC [2 marks]
- D. IRTAD [2 marks]
- E. ICD [2 marks]

1.3 List ten (10) the crash related minimum data elements which have to be gathered at the scene of a crash? [10 marks]

QUESTION 2

2.1 Name and explain the factors that compromise data quality? [10 marks]

2.2 Who are the stakeholders that would use road safety information and what purpose such information would be used for? [10 marks]

2.3 Explain clearly the seven (7) attributes of assessing system performance? [14 Marks]

2.4 Name three important steps that have to be considered when establishing a working group? [6 marks]

QUESTION 3

In your opinion, what should be taken into account when calculating the cost of a road crash?

[30 marks]

TOTAL: 100 MARKS