



TECHNICAL UNIVERSITY OF MOMBASA
Faculty of Business and Social Studies

DEPARTMENT OF BUSINESS STUDIES

UNIVERSITY EXAMINATIONS FOR DEGREE IN
BACHELOR OF COMMERCE

BLT 4401: HANDLING OF DANGEROUS GOODS

END OF SEMESTER EXAMINATIONS

SERIES: DECEMBER 2014

TIME: 2 HOURS

INSTRUCTIONS:

- Answer Question **ONE (Compulsory)** and any other **TWO** questions.
- Do not write on the question paper

This paper consists of Two printed pages

QUESTION 1 (Compulsory)

- a) Highlight the **SEVEN types/kinds** of **Dangerous/Harmful goods** that should be known and carried carefully and safely as and when the need arises. **(14 marks)**

- b) Outline the **THREE sides** on which an orange-coloured panel showing an emergency code must be displayed where a single load of dangerous goods is carried in a container, tank or vehicle. **(6 marks)**

- c) Briefly, describe the **FIVE contents** of **emergency information** that the Drivers of Vehicles carrying Dangerous Goods must provide for the general public or the police in the course of Transit. **(10 marks)**

QUESTION 2

- a) Chose and explain briefly any **FIVE principles** that should be known and used in handling, moving loading and unloading goods of any types/kinds. **(10 marks)**
- b) Outline any **FIVE provisions/guidelines** that deal with loading and unloading of dangerous goods from stationary vehicles. **(10 marks)**

QUESTION 3

- a) Drivers of vehicles carrying dangerous goods must be instructed and trained so that they understand the dangers of the particular goods being carried, actions to be taken in emergencies, their duties under Health and Safety Act, 1974 and other current dangerous goods legislation.

According, outline the **FIVE categories** of dangerous goods being carried for which the drivers require thorough, properly tested and approved periodical Training. **(10 marks)**

- b) Choose and explain any **FIVE tasks/functions** of a Dangerous Goods Safety Adviser (DGSA). **(10 marks)**

QUESTION 4

- a) Highlight any **SIX features/characteristics** that can be used to identify and classify goods into different types/kinds. **(12 marks)**
- b) Identify and explain briefly any **FOUR places** where vehicles carrying Dangerous goods must be parked with brakes properly applied; them, supervised at all time by a competent person over the age of 18 years or a member of the armed forces. **(8 marks)**

QUESTION 5

- a) Highlight any **SIX reasons** why those who carry, handle, load and unload goods must have **thorough knowledge** in their features/characteristics. **(12 marks)**
- b) Select and explain briefly any **FOUR advantages** of segregating high risk/dangerous goods/materials. **(8 marks)**