



TECHNICAL UNIVERSITY OF MOMBASA

SCHOOL OF BUSINESS

MANAGEMENT SCIENCE DEPARTMENT

COURSE/CLASS: BACHELOR OF COMMERCE Y4S2 s 2013/EV-L & T

UNIT CODE: BLT 4401

UNIT NAME: HANDLING DANGEROUS GOODS

SERIES: MAY, 2016

PAPER DURATION: 2 HOURS

NO OF STUDENTS: 30

INSTRUCTIONS TO CANDIDATES:

Answer question one (Compulsory) and any other Two questions

QUESTION ONE

- Q1. (a) Dangerous Goods carriage is full of complexities due to a very large volume of intricately worded and strictly enforced legislation coming from United Nations, European Union and United Kingdom. Accordingly, highlight the **FIVE Legal subject matters** covered in **such Legislations** concerning the movement of Dangerous Goods. **(10 marks)**
- (b) Outline the **FIVE precautions** that should be known and followed in **keeping and giving** the relevant **information** about the Dangerous Goods in transit **(10 marks)**
- (c) Clearly, bring out the **FIVE Smoking rules** at work places that the employers should frame and communicate to their staff for the staff's own good health, safety and security. **(10 marks)**
- Q2. (a) State and explain briefly any **FIVE types / kinds** of **Dangerous Goods** **(10 marks)**
- (b) Outline any **FIVE safety measures** commonly established and enforced at railway stations and premises. **(10 marks)**
- Q3. (a) Highlight any **FOUR restrictions** that Road Transports put on the free movement of **Dangerous Goods**. **(8 marks)**
- (b) Outline the **SIX** rules that must be known and followed in **loading and unloading Dangerous Goods** **(12 marks)**
- Q4. (a) Choose and explain very briefly any **FIVE reasons** why those who handle, carry or store **goods/materials** should have **thorough knowledge** in them. **(10 marks)**
- (b) Highlight the **FIVE rules** that should be known and followed in ensuring the **vehicle/tank suitability** before embarking on any journey with a vehicle carrying **Dangerous Goods** **(10 marks)**
- Q5. (a) State and explain briefly the **FIVE documents** to be carried by the driver of the vehicle carrying **Dangerous Goods**. **(10 marks)**

- (b) Outline the **FIVE rules** to be known and followed in the **display of hazards warning panels** on the vehicles carrying Dangerous Goods.
(10 marks)