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(University of Choice)

**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)**

MAIN CAMPUS

UNIVERSITY EXAMINATIONS

2023/2024 ACADEMIC YEAR

**SECOND YEAR FIRST SEMESTER EXAMINATIONS
FOR THE DIPLOMA**

IN

**DISASTER MANAGEMENT/SECURITY AND
INTELLIGENCE STUDY'S**

COURSE CODE: SEC/OS/ DM /CR/05/6

COURSE TITLE: MANAGE FIRE SERVICE

DATE: 7/12/2023

TIME: 2-4pm

INSTRUCTIONS TO CANDIDATES

Answer Question 1(ONE) and any other TWO Questions

TIME: 2 Hours

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 2 Printed Pages. Please Turn Over.

Question ONE

- a) Elucidate the following terms as used in Managing Fire Service
- i. Fire Drill (2.5Marks)
 - ii. Command (2.5Marks)
 - iii. Unified command structure (2.5Marks)
 - iv. Manageable span of control (2.5Marks)
- b) A Consolidated action plan adopted by different organizations/institutions provides the basis of an ICS in reference to a fire incidence identify the components of an Action plan (10Marks)
- c) For an ICS to be effective there are functional components to be considered elucidate (10marks)

Question Two

- a) Mr John Mugweru a consultant at Kakamega County intends to adopt a Chain of Command mechanism what would have made him prefer the use of this system opposed to any other in place (10marks)
- b) There are different levels of command adopted by different organization when having a comprehensive ICS. Apart from differentiating the levels elucidate the objectives of the levels. (10Marks)

Question three

- a) ICS has been a key component when carrying out search and rescue especially in different disaster scenario, by use of examples what are the functional aspects for an effective ICS. (15Marks)
- b) After a Fire Drill has been done or carried out what are the FIVE basic components one needs to ensure has been done (5Marks)

Question four

- a) Name and describe exhaustively by use of examples the three different types of Fire Drill (10marks)
- b) In a command system there are three levels of command using well designed structure in describing the three levels of command system to be utilized in a fire outbreak for efficient life-saving skills (10 marks)