

**W1-2-60-1-6**

**JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY**

**UNIVERSITY EXAMINATIONS 2017/2018**

**YEAR II SEMESTER II EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE INPUBLIC HEALTH**

**MLS 2131: FIRST AID**

**DATE: DECEMBER 2017 TIME: 2 HOURS**

**INSTRUCTIONS: ANSWER ALL QUESTIONS IN SECTION A AND ANY OTHER TWO QUESTIONS IN SECTION B**

SECTION A

QUESTION ONE

Mention six standard precautions that a first aider has to observe in order to avoid cross infections. (6 marks)

QUESTION TWO

List any 12 items found in a first aid kit citing the use of each. (6 marks)

QUESTION THREE

Using an illustration, discuss the pyramid of injury. (6 marks)

QUESTION FOUR

Differentiate between a cold pad and an ice pack. Explain how you can execute both procedures. (6 marks)

QUESTION FIVE

Define asthma and briefly describe how you would handle a person having an asthmatic attack.

(6 marks)

QUESTION SIX

a. Describe any three ways you would recognize that an individual is hyper ventilating.

(3 marks)

b. Briefly describe how you would offer support to the casualty. (3 marks)

QUESTION SEVEN

As you walk into the room you find a lady lying on the floor and unable to move. She complains of excruciating pain on her leg and arm. You suspect that she fell down from a ladder while trying to pick an item from an upper shelve. Briefly explain any two emergency move techniques that you would use to move her. (6 marks)

QUESTION EIGHT

Elvis (your neighbor) has a wound on his arm and you suspect that its infected. Mention any six ways in which you would recognize that his wound is infected. (6 marks)

SECTION B

QUESTION NINE

a. Differentiate between a heart attack and a cardiac arrest. (10 marks)

b. Discuss how you would recognize that an individual has a heart attack. (10 marks)

c. Explain how would execute first aid to a casualty having a heart attack. (2 marks)

QUESTION TEN

a. By citing examples clearly describe the different ways in which a person can recognize that an accident/emergency has occurred. (4 marks)

b. While walking to work in the working you witness an accident involving three vehicles ( a Toyota sedan, a 10 seater van and a water truck) systematically discus the key steps of action you would take in supporting and offering first aid and appropriate care to the injured people. Outline how you would ensure their safe evacuation to the nearest hospital. (18 marks)

QUESTION ELEVEN

Charo climbs on top of a mango tree to pick some to sell in the local market. He flips on a weak branch and falls to the ground, He is unconscious. As a first aider systematically discuss the key of action that you will undertake in administering first aid to him ensuring that he gets the much needed help and care. (22 marks)