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**JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY**

# **UNIVERSITY EXAMINATIONS 2014/2015**

**SECOND YEAR SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN PUBLIC HEALTH**

**MLS 2131 : FIRST AID**

**DATE: DECEMBER 2014 TIME: 2 HOURS**

**INSTRUCTIONS:**

**ANSWER ALL QUESTIONS IN SECTION A [COMPULSORY] AND ANY OTHER ONE QUESTION IN SECTION B**

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**SECTION A [48 MARKS]**

1. Mention any three basic human body tissue types and explain two functions for each [6 marks]
2. Mention any six basic first aid box items and explain the use of each [6 marks]
3. Discuss three possible triggers for anaphylactic shock and describe three signals in recognizing that a person is having an anaphylactic shock [6marks]
4. Name three types of wounds and explain how each can be inflicted /caused [6 marks]
5. As a first aid provide certain necessary items required for carrying out some key procedures in providing first aid to a casualty necessitating improvisation. Mention three ways you can improvise an arm sling explaining how you would execute each [6 marks]
6. Mention and explain six techniques used for moving an injured or ill person stating whether it’s a non-emergency or emergency move [6 marks]
7. Highlight three conditions that would lead to hypoxia citing a cause for each [6 marks]
8. Name any twelve causes of respiratory distress and respiratory arrest [6 marks]

SECTION [22 MARKS]

1. Answer question (a) and (b)
2. Explain three ways how you would prevent diseases or infection transmission when giving first aid care to a casualty. [6 marks]
3. While walking home you notice a car that has overturned by the side of the road. You notice that the driver’s door is open and a middle aged man is lying motionless net to the car. As you walk close to the scene you notice a youhg man lying on the tarmac motionless and bleeding profusely on the right leg calling out for help and unable to move. systematically describe the key steps of action that you will undertake in offering support to the two casualties. [16 marks]
4. Answer question (a) and (b)
5. When assisting a prolonged crush injury casualty what mustn’t you do and why? [3 marks]
6. Charo is out cutting a log of tree. He accidently slashes his left leg leaving his with a deep cut would that is bleeding profusely. Charo is losing a lot of blood and fast. As a first aider:-
7. Mention four key priorities that you will observe in ensuring that charo gets the much needed support [4 marks]
8. Systematically explain how you would provide firs aid to charo ensuring that he does not lose anymore blood and go into shock. [15 marks]
9. Answer question (a) and (b) and (c)
10. Discuss the adverse economic , social and psychological effects that road accidents have on the Kenyan population [6 marks]
11. Sometimes , even though people recognize that an emergency has occurred, they fail to act. Mention four most common factors that keep people from responding [4 marks]
12. James, you neighbor, climbs a mango tree in his compound to pick some ripe mango fruits. Suddenly you hear a loud crash. You rush out side into James compound and find him lying on the ground. You realize that he is conscious but unable to move and in a lot of pain. As a first aider, describe and explain the key steps of action that you will undertake in offering support to James ensuring his safe transfer to a hospital [12 marks]