



UNIVERSITY OF EMBU

2017/2018 ACADEMIC YEAR

SECOND SEMESTER EXAMINATIONS

**FIRST YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE
(COMMUNITY HEALTH)**

HCS 124: FIRST AID

DATE: APRIL 12, 2018

TIME: 2:00 – 4:00 PM

INSTRUCTIONS:

Answer Question ONE and ANY Other TWO Questions

QUESTION ONE (30 MARKS)

As a first aider, you happen to be at the scene of a road traffic accident.

- a) Explain the concept of first aid (2 marks)
- b) Describe the 4 appropriate actions you must take before helping (8 marks)
- c) Describe the actions you would take in each of the following cases
 - i) Amputated lower limb (5 marks)
 - ii) Skull fracture (5 marks)
 - iii) Impaled/penetrating object in the abdomen (5 marks)
 - iv) Clear fluid coming from the ears (5 marks)

QUESTION TWO (20 MARKS)

Burns injuries are very common and can be quite debilitating. Outline the first aid in each of the following situations;

- a) Electrical burns (5 marks)
- b) Smoke inhalation (5 marks)

- c) **Chemical** splashes on the face (5 marks)
- d) **Thermal** burns (5 marks)
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QUESTION THREE (20 MARKS)

John falls to the ground while playing. You realise that he has fainted due to shock.

- a) Define; i) Shock ii) Fainting (2 marks)
- b) State 5 causes of shock (5 marks)
- c) State 5 signs and symptoms of shock (5 marks)
- d) Outline the actions you would take until help arrives (8 marks)

QUESTION FOUR (20 MARKS)

Master Brian develops a seizure.

- a) List 6 causes of seizures (3 marks)
- b) State 6 features he would present with (6 marks)
- c) Describe the first aid measures you would take (6 marks)
- d) State 5 observations that would necessitate taking master Brian to hospital (5 marks)

QUESTION FIVE (20 MARKS)

You come across a victim of choking. After giving first aid, you place him in the recovery position.

- a) What features would you look out for to confirm he is choking (5 marks)
- b) Describe the first aid for choking in an adult (10 marks)
- c) What are the benefits of placing a victim in the recovery position (5 marks)

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