



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR DEGREE OF BACHELOR OF SCIENCE PUBLIC
HEALTH / COMMUNITY HEALTH AND DEVELOPMENT
1ST YEAR 1ST SEMESTER 2022/2023 ACADEMIC YEAR
MAIN CAMPUS

COURSE CODE: HCB 1109

COURSE TITLE: BASIC LIFE SUPPORT

EXAM VENUE: STREAM: (BSc. Public Health/ Comm.Hlth)

DATE: EXAM SESSION: DECEMBER 2022

TIME: 2.00 HOURS

Instructions:

- 1. Answer all the questions in Section A and ANY other 2 questions in Section B.**
- 2. Candidates are advised not to write on the question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

SECTION A. ANSWER ALL QUESTIONS (30 MARKS)

1. Describe briefly the first aid treatment for fracture? (4 Marks)
2. List 4 major causes of collapse and sudden death in people aged 1-44 years age in Kenya (4 marks)
3. Define cardiac arrest (2 marks)
4. List the 6 signs of cardiac arrest (6 marks)
5. Mention the 2 mechanisms used to maintain basic life support. (2 marks)
6. Define the 5 Steps in Administering Basic Life Support to Adults (5 marks)
7. What are the 3 phases of a triage (3 marks)
8. What are the 4 basic steps of first aid? (4 marks)

SECTION B: ANSWER QUESTION ONE (1) AND ANY OTHER QUESTION (40 MARKS)

1. a) Define mass casualty incident (5 marks)
b.) Discuss the causes of mass casualty accidents (15 marks)
2. Discuss the role of Emergency Medical Services (EMS) at the site of a major accident (20 marks)
3. a.) Define cardio-Respiratory-Resuscitation (CPR) 5 marks
b.) Discuss in details how a CPR is done (15 marks)
4. Discuss in details how to prevent a motor vehicle accident (20 marks)