



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**PLOT 91, CADASTRAL ZONE, NNAMDI AZIKIWE EXPRESSWAY, JABI – ABUJA**  
**FACULTY OF HEALTH SCIENCES**  
**DEPARTMENT OF ENVIRONMENTAL HEALTH SCIENCE**  
**2024 1 EXAMINATION**

**COURSE CODE: EHS 512**  
**COURSE TITLE: EMERGENCY MEDICAL CARE**  
**COURSE UNIT: 2 CREDIT UNITS**  
**TIME ALLOWED: 1 ½ HOURS**  
**TOTAL SCORE: 70 MARKS**  
**INSTRUCTION: ANSWER ALL THE QUESTIONS**

- 1a. Discuss the importance of Cardiopulmonary Resuscitation (CPR) in emergency situations and the recommended action for bystanders based on the level of training and confidence. Include the recommended actions for each scenario **(15 Marks)**
- b. Highlight a detailed overview of the instructions and procedures that a dispatcher typically provides until help arrives in emergency situations **(10 Marks)**
- 2a. Explain the term “mouth-to-mouth resuscitation” **(10 Marks)**
- 2b. Illustrate the technique of mouth-to-mouth resuscitation and explain its importance in providing artificial ventilation during first aid **(10 Marks)**
- 3a. Explain the importance of chest compression in cardiopulmonary resuscitation (CPR) and its role in providing life-saving assistance during cardiac arrest **(15 Marks)**
- b. Explain the significance and evolution of the use of compression and ventilation together in resuscitation techniques. Include key milestones and developments that contributed to the integration of compression and ventilation **(10 Marks)**