

**FACULTY OF HEALTH SCIENCES
DEPARTMENT OF NURSING SCIENCE**



<u>PROGRAMME</u>	: FURTHER NATIONAL HIGHER DIPLOMA BCUR ED ET ADMIN (SPECIALTY CRITICAL CARE NURSING)
<u>SUBJECT</u>	: MEDICAL AND SURGICAL NURSING SCIENCE: CRITICAL CARE NURSING (GENERAL) MODULE 1: MEDICAL AND SURGICAL FUNDAMENTAL NURSING MODULE 2: CARDIOLOGY AND CARDIO-THORACIC SURGERY
<u>CODE</u>	: MCV2017
<u>DATE</u>	: SUPPLEMENTARY EXAMINATION JULY 2016
<u>DURATION</u>	: 3 HOURS
<u>WEIGHT</u>	: 50:50
<u>TOTAL MARKS</u>	: 100
<u>EXAMINER</u>	: PROF WE NEL (UJ)
<u>MODERATOR</u>	: DR T HEYNS (UP)
<u>NUMBER OF PAGES</u>	: THIS PAPER CONSISTS OF TWO (2) PAGES PLUS ONE ANNEXURE
<u>INSTRUCTIONS</u>	: ANSWER ALL OF THE QUESTIONS. ½ MARK PER CORRECT FACT.
<u>REQUIREMENTS</u>	: USE OF A CALCULATOR IS ALLOWED.

SUPPLEMENTARY EXAMINATION JULY 2016

**SUBJECT: MEDICAL AND SURGICAL NURSING SCIENCE: CRITICAL CARE NURSING (GENERAL)
(MCV017)**

QUESTION 1

- 1.1 A patient is suffering from heart failure. You do an **assessment** on this patient.
Describe the data that you might obtain according to the pathophysiology. (20)
- 1.2 Motivate why β -blockers (beta blockers) are occasionally prescribed to a patient with severe heart failure. (5)
- 1.3 Cardiogenic shock is a serious complication of an anterior myocardial infarction. Explain how the cardiac output may be optimised in a patient with cardiogenic shock. (20)
- 1.4 Analyse the ECG (annexure1) and come to a conclusion. (15)
- 1.5 Describe the signs and symptoms of hypokalemia. (5)
- 1.6 Describe how you will give a patient 20 mmol KCL intravenously. (2)
- 1.7 What are the complications if KCL is given incorrectly? (3)
- *[70]**

QUESTION 2

- 2.1 Mr R goes for an **angioplasty**. Explain the nursing actions that you will carry out on him for the first 12 hours post-angioplasty. (8)
- 2.2 After coronary artery bypass surgery the patient is draining 700 mls per hour from his drains. Explain the actions that can be performed to try and stop the bleeding. (10)
- 2.3 Explain the treatment (Nursing and medical) of a patient with acute inferior infarction. (12)
- *[30]**

