



(University of Choice)
**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)**

MAIN CAMPUS

**UNIVERSITY EXAMINATIONS
2022/2023 ACADEMIC YEAR**

THIRD YEAR, SECOND TRIMESTER EXAMINATION

**FOR THE DEGREE
OF
BACHELOR OF SCIENCE IN PHYSIOTHERAPY (UPGRADING AND DIRECT)
MAIN**

COURSE CODE: BSP 326/ HPT 221

COURSE TITLE: CARDIORESPIRATORY IN PHYSIOTHERAPY II

DATE: MONDAY 17TH APRIL 2023

TIME: 8:00-10:00 AM

INSTRUCTIONS TO CANDIDATES

Answer All Questions

Section A: Multiple Choice Questions (MCQ)	20 Marks.
Section B: Short Answer Questions (SAQ)	40 Marks.
Section C: Long Answer Question (LAQ)	40 Marks

TIME: 2 Hours

MMUST observes ZERO tolerance to examination cheating

This paper has 7 pages

SECTION A: MULTIPLE CHOICE QUESTIONS (MCQ) 20 MARKS

1. One of the following modes of ventilation “locks out” the patient's efforts to breathe.
 - A. Controlled Mandatory Ventilation
 - B. Synchronous Intermittent Mandatory Ventilation
 - C. Assist Control Mode
 - D. Pressure Control Mode
2. One of the following modes of ventilation has the risk of the patient getting respiratory alkalosis.
 - A. Controlled Mandatory Ventilation
 - B. Synchronous Intermittent Mandatory Ventilation
 - C. Assist Control Mode
 - D. Pressure Control Mode
3. The mode of ventilation which allows the patient to breathe spontaneously at his or her own respiratory rate and depth between the ventilator breaths is...
 - A. Controlled Mandatory Ventilation
 - B. Synchronous Intermittent Mandatory Ventilation
 - C. Assist Control Mode
 - D. Pressure Control Mode
4. Once mechanical ventilation is established, which of the following suggests that an intraluminal mass or bronchospasm is present?
 - A. Elevated resistive pressure
 - B. High minute ventilation
 - C. Inappropriate tidal volume for the lung
 - D. Increased elastic pressure
5. Which of the following is the simplest and most effective means of providing full mechanical ventilation?
 - A. Pressure control ventilation
 - B. Pressure support ventilation
 - C. Synchronized intermittent mandatory ventilation
 - D. Volume-control ventilation