



MACHAKOS UNIVERSITY

University Examinations for 2019/2020 Academic Year

SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF MECHANICAL AND MANUFACTURING ENGINEERING

SECOND YEAR SPECIAL/SUPPLEMENTARY EXAMINATION FOR

DIPLOMA IN MECHANICAL ENGINEERING

MVED 203/1 BODY WORK AND PRACTICE I

DATE: 21/01/2021

TIME: 8.30-10.30 AM

INSTRUCTIONS

Answer Question One and Any Other Two Questions

QUESTION ONE (30 MARKS)

- a) Name and explain causes of THREE hazards associated with the vehicle body work shop
(15 marks)
- b) explain the first aid you will administer to a victim of the named hazards in 1a) above
(15 marks)

QUESTION TWO (20 MARKS)

Using illustrations explain five body work tools and their uses

QUESTION THREE (20 MARKS)

Explain the following car body parts:

- a) Window and door pillars
b) Windscreen and rear wind rails
c) cantrails
d) roof structure

QUESTION FOUR (20 MARKS)

Explain the procedure you will use to replace a vehicles front door

QUESTION FIVE (20 MARKS)

A vehicle has been brought to the workshop with a faulty window winding machine, explain the procedure you'll use to inspect and repair the winding machine