



MACHAKOS UNIVERSITY

University Examinations 2017/2018

SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF MECHANICAL AND MANUFACTURING ENGINEERING

SECOND YEAR SECOND SEMESTER EXAMINATION FOR DIPLOMA IN
MECHANICAL ENGINEERING

MVED 203/2: BODY-WORK THEORY AND PRACTICE II

DATE: 6/12/2017

TIME: 8:30 – 10:30 AM

INSTRUCTIONS

This paper consists of *FIVE* questions

Answer question *ONE* (compulsory) and any other *TWO* questions

1. a) Explain THREE types of car damage. (9 marks)
- b) Explain FIVE panel beating techniques. (15 marks)
- c) Describe one method of checking a car for accident damage. (6 marks)
2. a) Define the following terms as used in spray painting. (5 marks)
 - i. Air duster
 - ii. Atomization
 - iii. Air pressure
 - iv. Dry coating
 - v. Ground coats.
- b) Explain THREE basic composition of paint. (15 marks)
3. Explain FIVE TYPES OF paints. (20 marks)
4. Explain the procedure for carrying out the following.
 - a) Straightening a dent on a car bonnet. (10 marks)
 - b) Spray painting the bonnet with the correct paint. (10 marks)
5. Explain the procedure for buffing an area which has been spray-painted. (20 marks)