GRADE 10 POWER MECHANICS TOPICAL REVISION BOOK

MARKING SCHEME

STRAND 1.0: INTRODUCTION TO POWER MECHANICS

1. Define Power Mechanics as a learning area. (2 marks)

· Power Mechanics is a learning area that deals with the study of machines, engines, and mechanical systems that generate and transmit power.

· It involves understanding the principles of operation, maintenance, and repair of mechanical equipment and motor vehicles.

2. List two reasons for studying Power Mechanics. (2 marks)

· i. To acquire practical skills for maintaining and repairing mechanical equipment

· ii. To prepare for career opportunities in the automotive and engineering industries

3. Name three career opportunities available in the Power Mechanics field. (3 marks)

· i. Automotive Mechanic

· ii. Heavy Equipment Technician

· iii. Mechanical Engineer

4. Identify two activities related to power mechanics that can be observed in the local community. (2 marks)

· i. Vehicle repair and servicing at local garages

· ii. Welding and fabrication works