COMPETENCE BASED EDUCATION

SENIOR SCHOOL

GRADE 10 PHYSICS

TOPICAL REVISION BOOK



CONTENTS

1. Mechanics and Thermal Physics
- 1.1 Introduction to Physics
- 1.2 Pressure
- 1.3 Mechanical Properties of Materials
- 1.4 Temperature and Thermal Expansion
- 1.5 Moments and Equilibrium
- 1.6 Energy. Work, Power and Machines

2.0 Waves and Optics
- 2.1 Properties of Waves
- 2.2 Radioactivity and Stability of Isotopes

3.0 Electricity and Magnetism
- 3.1 Electrostatics
- 3.2 Current Electricity
- 3.3 Introduction to Electronics

4.0 Environmental and Space Physics
- 4.1 Greenhouse Effect and Climate Change
- 4.2 Introduction to Space Physics

AUTHORS: COMPETENCE EDUCATION GROUP