



KWAZULU-NATAL PROVINCE

EDUCATION
REPUBLIC OF SOUTH AFRICA

PHYSICAL SCIENCES

SCOPE FOR CONTROL TESTS AND EXAMINATIONS 2024: GRADE 10

MARCH CONTROL TEST			
PAPER	TOPICS	MARK	DURATION
ONE PAPER ONLY	<ul style="list-style-type: none"> • Transverse pulses on a string/spring • Transverse waves • Longitudinal waves • Electromagnetic radiation • Electrostatics • Electric Circuits 	100	2 hours
JUNE EXAMINATION			
PAPER	TOPICS	MARKS	DURATION
PAPER 1	<ul style="list-style-type: none"> • Transverse pulses on a string or spring • Transverse waves • Longitudinal waves • Electromagnetic radiation • Electrostatics • Electric Circuits 	75	1½ hours
PAPER 2	<ul style="list-style-type: none"> • Matter and classification • States of matter and the kinetic molecular theory • The atom • The periodic table • Chemical bonding • Physical and chemical change • Representing chemical change • Quantitative aspects of chemical change 	75	1½ hours

SEPTEMBER CONTROL TEST			
PAPER	TOPICS	MARK	DURATION
ONE PAPER ONLY	<ul style="list-style-type: none"> Quantitative aspects of chemical change Vectors and Scalars Motion in one dimension Instantaneous speed and velocity Graphs of motion 	100	2 hours
KZN Physical Sciences Grade 12 SCOPE 2024			
PAPER	TOPICS	MARK	DURATION
PAPER 1	<ul style="list-style-type: none"> Transverse pulses Transverse waves Longitudinal waves Sound Electromagnetic radiation Electrostatics Electric circuits Vectors and scalars Motion in one dimension Instantaneous speed and velocity and the equations of motion Energy 	100	2 hours
PAPER 2	<ul style="list-style-type: none"> Matter and classification States of matter and the kinetic molecular theory. The atom The periodic table Chemical bonding Physical and chemical change Representing chemical change Quantitative aspects of chemical change 	100	2 hours