## PHYSICAL SCIENCES P.1

# SCOPE

# **GRADE 12**

2024

### **FINAL EXAM**



### basic education

Department: Basic Education REPUBLIC OF SOUTH AFRICA

mass 1,25 kg is connected to another crate, Q, of mass 2 kg by a light is string. The two crates are placed on a rough horizontal surface. A ros F of magnitude 7,5 N, acting at angle 6 to the horizontal, is applied on shown in the diagram below.

accelerate at 0.1 m s 2 to the right.



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web elements in the second row of the periodic table place their electrons in the 2n shell as well as the 1n shell for instance

lithium li has three electrons two fill the 1 s orbital and the third is placed in the 2 s orbital giving an electron configuration of  $1 ext{ s } 2 ext{ s } 1$ 

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