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EXAMS, TESTS, NOTES

Physical Science Grade 12

2025 June Term 2 Exam

Papers and Memos

- | | | |
|-------|---|-------------|
| 2.1.1 | Define the term <i>kinetic friction</i> . | (2) |
| 2.1.2 | Explain why the coefficient of friction for the two blocks, A and B are different. | (1) |
| 2.1.3 | Draw a labelled free-body diagram showing all the forces acting on block A . | (5) |
| 2.1.4 | Calculate the mass of block B . | (7) |
| 2.2 | A rock of mass 100 kg lies on the surface of a planet Y . The acceleration due to gravity on the surface of the planet is $12 \text{ m}\cdot\text{s}^{-2}$. | |
| 2.2.1 | State the <i>Newton's Law of Universal Gravitation</i> in words | (2) |
| 2.2.2 | Calculate the mass of the planet Y if its radius is 700 km. | (4) |
| | | [21] |

Physical Science Grade Exam Papers 22

Long, C



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Embracing the Melody of Phrase: An Emotional Symphony within **Physical Science Grade Exam Papers 22**

In some sort of used by screens and the ceaseless chatter of instantaneous connection, the melodic elegance and mental symphony created by the written word often fade into the back ground, eclipsed by the persistent noise and distractions that permeate our lives. Nevertheless, nestled within the pages of **Physical Science Grade Exam Papers 22** an enchanting literary value overflowing with organic emotions, lies an immersive symphony waiting to be embraced. Crafted by an outstanding composer of language, that fascinating masterpiece conducts readers on a psychological trip, well unraveling the hidden tunes and profound impact resonating within each carefully crafted phrase. Within the depths with this emotional assessment, we shall investigate the book is central harmonies, analyze its enthralling publishing model, and submit ourselves to the profound resonance that echoes in the depths of readers souls.

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