

# GRADE 9 NATURAL SCIENCES NOVEMBER EXAMINATION

## SECTION A QUESTION 1

1.1 Various options are provided as answers to the following questions: Choose

the correct answer and write ONLY the LETTER(A-D) next to the QUESTION NUMBER (1.1.1-1.1) on your answer sheet, for example 11110

- 1.1.1 If cells are added in parallel the total voltage will...
  - Increase.
  - Decrease
  - Remain the same
  - Increase then decrease
- 1.1.2 Why do we use copper in our house's wiring?
  - A Good insulator
  - Good and cheap conductor
  - Good, but expensive conductor
  - Good and cheap insulator
- 1.1.3 The energy conversion that takes place in a celt.
  - A chemical > electrical > kinetic
  - electrical -> chemical -> kinetic
  - chemical > electrical
  - chemical -> kinetic
- 1.1.4 Koeberg is this type of power station:

B Hydroelectricity

D Solar

1.1.5	An	example o	da	With their
Sec. 19. 1987		AND RESIDENCE AND ADDRESS OF		STREET, SQUARE,

touch. B radios. car battery D. toys

1.1.6 Example of converting wasted energy to useful energy.

- Filament lightbubs
- Heating elements
- Buzzers
- D Electrical motors.
- 1.1.7 As the altitude increase the ... will decrease.

Temperature

B Mass

Density

- D Distance 1.1.8 Which of the following is NOT a greenhouse gas?
  - CHa
  - water vapour
  - HiO
  - carbon dioxide
- 1.1.9 The reason why thicker wires offer lower resistance is...
  - there is less space for protons to move.
  - there is more space for the protons to move.
  - C there is less space for the electrons to move.
  - there is more space for the electrons to move.
- 1.1.10 Factor that affects the magnitude of gravitational force:
  - Marco
  - Weight
  - C Height
  - None of the above.

(10x1)

1.2 Provide the correct TERM for the following descriptions. Write ONLY the correct

TERM next to the QUESTION NUMBER (1.2.1-1.2.7) on your answer stheet.

1.2.1 Solution that can conduct electricity.

# Natural Science Exam Grade 9 November 2014

**Liying Dong** 

Natural Science Exam Grade 9 November 2014:

Embracing the Melody of Term: An Emotional Symphony within Natural Science Exam Grade 9 November 2014

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