

#### GRADE 12 PHYSICAL SCIENCES MARCH TEST

#### QUESTION 1

Various options are provided as possible answers to the following questions. Choose the correct answer and write CNLY the LETTER (A-D) next to the QUESTION NUMBER (1.1-1.7) on your folio paper. Example 1.8. D.

- 1.1 Which of the following pairs of compounds contains members of the same homologous. series?
  - A CONTRACTOR
  - E CHECKER
  - C CONTRACTOR
  - D detailed to the
- 1.2 In which of the following cases would the resultant force acting on an object be equal to ON.



- A destinate of contract community
- 8 The Later Country of Paragon guidelines on the
- C Milder Linux and and angeline of the
- 1.3 Which of the statements below best describes Weightlessness?
  - A. Antiker wheel protected the sund for he past.
  - 8 students respectively and purposes to the goals.
  - C Andrew bed present conducting to the reality restricted
  - A reference contraction in the contraction of the C
- 1.4 The inertia of an object.....

XIII COLOR

- A Reservation to the contract of the
- 8 or the support of the property
- In the surfacement of aborthoping in the sale, of colony.

- 1.5 An actronaut has a weight \(\begin{align\*}
  \) on Earth. What distance, in terms of the radius of the Earth (r), will the actronaut be if his weight is a 14 of his weight (\begin{align\*}
  \) on the surface of the Earth?
  - A ...
  - 8
  - C ....
  - 0 1
- 1.6 A box is pushed forward with a force of 100N but does not move. A possible reason for this is that:
  - A Proposition According
  - Notice there is not the falls
  - C West of the Law Law 1979
  - D. more of the street
- 1.7 A box is pushed forward with a force of 100N but does not move. A possible reason for this is that:
  - A Mary line Comment
  - Seeding of these Services Const. Orbit.
  - C Month Control of the state of the
  - B. Arterior Market

[34]

#### QUESTION 2

Three organic compounds (A, B and C) with different functional groups are given below.

A: 2.3-dimethylhex-2-ene

#### C: OHOHOHIOHOH

- catton to form such a variety of organic compounds. (2)
- 2.2 Define the term functional group (2)
- 2.3 Write-down the:

  - 2.3., NAVAC name of compound B (2)

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