

GRADE 12

PHYSICAL SCIENCES P2

REVISION

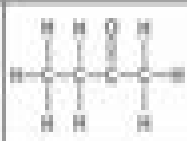
CHEMISTRY

FULL QUESTION

REVISION

QUESTION 1 (Start on a new page.)

The letters A to D in the table below represent four organic compounds.

A		B	
C	$\text{CH}_3\text{CH}_2\text{CHO}$	D	Butane

Use the information in the table to answer the questions that follow.

- 2.1 Write down the:
- 2.1.1 Letter that represents a ketone. (1)
 - 2.1.2 Structural formula of the functional group of compound C. (1)
 - 2.1.3 General formula of the homologous series to which compound A belongs. (1)
 - 2.1.4 IUPAC name of compound A. (2)
 - 2.1.5 IUPAC name of compound B. (2)
- 2.2 Compound D is a gas used in cigarette lighters.
- 2.2.1 To which homologous series does compound D belong? (1)

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Qi Luo

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