Std : X Sub: Science

Id No :_____ Name : _____ Date : _____

Chapter : Carbon and its compounds

Topic : **Functional Groups**

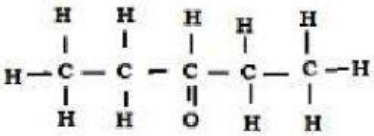
I) Match the molecular formula with the correct carbon compound.

CH_3OH	☐	☐	Propanoic acid
C_2H_5COOH	☐	☐	Propane
C_6H_6	☐	☐	Methanoic acid
CH_3CHO	☐	☐	Ethyne
C_4H_{10}	☐	☐	Butane
C_2H_2	☐	☐	Benzene
$HCOOH$	☐	☐	Methanol
C_3H_8	☐	☐	Ethanal

II) Identify the functional group present in the carbon compound and name the compound.

	Functional Group	Compound name
A) CH_3CH_2OH	_____	_____
B) CH_3COCH_3	_____	_____
C) $CH_3CH_2CH_2COOH$	_____	_____
D) C_2H_5CHO	_____	_____
E) $C_2H_5CO\ C_2H_5$	_____	_____

III) Look at the structures and name the compound



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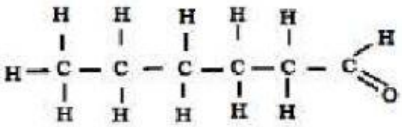

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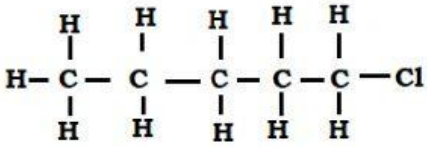

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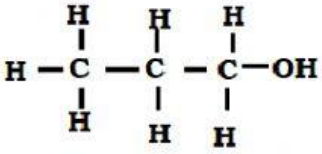

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