

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 ₃ OH	<input type="text"/>	<input type="text"/>	Propanoic acid
C ₂ H ₅ COOH	<input type="text"/>	<input type="text"/>	Propane
C ₆ H ₆	<input type="text"/>	<input type="text"/>	Methanoic acid
CH ₃ CHO	<input type="text"/>	<input type="text"/>	Ethyne
C ₄ H ₁₀	<input type="text"/>	<input type="text"/>	Butane
C ₂ H ₂	<input type="text"/>	<input type="text"/>	Benzene
HCOOH	<input type="text"/>	<input type="text"/>	Methanol
C ₃ H ₈	<input type="text"/>	<input type="text"/>	Ethanal

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

	Functional Group	Compound name
A) CH ₃ CH ₂ OH	_____	_____
B) CH ₃ COCH ₃	_____	_____
C) CH ₃ CH ₂ CH ₂ COOH	_____	_____
D) C ₂ H ₅ CHO	_____	_____
E) C ₂ H ₅ CO C ₂ H ₅	_____	_____

III) Look at the structures and name the compound








