

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			Propanoic acid
C ₂ H ₅ COOH			Propane
C ₆ H ₆			Methanoic acid
CH ₃ CHO			Ethyne
C ₄ H ₁₀			Butane
C ₂ H ₂			Benzene
HCOOH			Methanol
C ₃ H ₈			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








