

CHEMISTRY-12	Chapter#07(Complete) Test-A-1		
	Name:	Class:	ID:
Date: / /	Marks	19	Marks Obtained:
Time Allowed: 35 Min.	Total:		

Maximum Marks: 05 **(OBJECTIVE TYPE)** Time Allowed: 10 Min.

NOTE: Tick The Correct Option:

- The state of hybridization of carbon atom in methane is:
 (a) sp^3 (b) sp^2 (c) sp (d) dsp^2
- Ethers show the phenomenon of:
 (a) Position isomerism (b) Functional group isomerism
 (c) Metamerism (d) Cis-trans isomerism
- CO_2H is a functional group:
 (a) Alkoxy (b) Carbonyl (c) Carboxyl (d) hydroxyl
- Tetraethyl (TEL) lead is used as:
 (a) Pain killer (b) Petroleum additive
 (c) Fire extinguisher (d) Moth repellent
- The fractional distillation of petroleum yields about _____ gasoline.
 (a) 20% (b) 30% (c) 40% (d) 80%

Maximum Marks: 14 **(SUBJECTIVE TYPE)** Time Allowed: 25 Min.

SECTION-I

Q.2: Give brief answers to the following questions: (10)

- What is vital force theory? How was it rejected by Fredrick Wohler?
- What is cracking of petroleum? What is the importance of cracking of petroleum?
- What is meant by knocking?
- What is atomic orbital hybridization? Name its any two types.
- Define functional group isomerism. Give examples.

SECTION-II

NOTE: Attempt All Questions: (04)

Q.3: How organic compounds are classified? Give suitable examples of each type.