(

Paper: Chemistry	IN PUBLIC SCI	Total Marks: <u>85</u>
Month Test: <u>3<sup>rd</sup> Term</u>	× KPS ×	Obt. Marks:
Theme/Unit: <u>8,9 (half)</u>	** mer tor **	Grand Total:
Objective/Subjective:	ID:	Time:
Name:	class: 12 <sup>th</sup>	Section: B
<ul> <li>Q NO. 1: Choose the right a <ol> <li>Catalytic oxidation occur </li> <li>Lower Alkanes</li> <li>Lower Alkenes</li> </ol> </li> <li>Highly reactive Haloger <ol> <li>Chlorine</li> <li>Bro</li> </ol> </li> <li>A trans Alkane is obtain <ol> <li>K/liq.NH<sub>3</sub></li> <li>Which of the following relation</li> <li>Combustion <ol> <li>Corrolysis</li> </ol> </li> <li>Which of the following relation</li> <li>Conduction <ol> <li>Conduction</li> <li>Conduction</li> <li>Conduction</li> <li>Conduction</li> </ol> </li> <li>Which of the following relations</li> <li>Which of the following relation</li> <li>Conduction <ol> <li>Conduction</li> <li>Conduction</li> <li>Conduction</li> <li>Nucleophilic reaction</li> </ol></li></ol></li></ul>	Inswer. /22 urs in: (b) Higher Alkanes (d) Alkynes n in the process of Haloge omine (c) Fluorine ned by treating alkyne with b) Na/liq.NH <sub>3</sub> (c) Po reaction helps to locate do (b) Oxidation (d) Polymerization is highly reactive: Alkynes (c) Alkan o: ns (b) Haloger ctions (d) Electrop Monocyclic (c) Heterocycli (c) Hydrazine (d) b) High boiling li d) Laughing gas ctive because of: b) Pi bond c) Sigma b and triple bonds both are mbering will start from the o) triple bond c) Single b	nation is: (d) lodine (d) lodine (d) BaSO <sub>4</sub> (d) H <sub>2</sub> O puble bond in Alkenes: nes (d) Ethyne nation reactions bhilic reactions ic (d) Isolated (d) Hydrogen quid pond d) Both a and b present at identical position of side of: pond d) None

Q No. 2: Short Questions. /33

- 1) Write catalytic oxidation reaction for Alkanes.
- 2) Write three uses of Ethene.
- 3) Define Polymerization and Write its reaction.
- 4) How Mustard gas is prepared?
- 5) Explain Industrial preparation of Ethyne?
- 6) Differentiate Monocyclic and Polycyclic aromatic hydrocarbons with examples.
- 7) Draw the structure of Phenol, Benzaldehyde, Benzene Sulphonic acid and Anthracene.
- 8) Write about the molecular formula in structure of Benzene?
- 9) Write physical characters of Alkyne.
- 10) Write the expression for addition of Sulphuric acid in Alkenes.
- 11) Write about Raney Nickel.

Q No. 3: Give detailed answers. /30

- 1) Explain Halogenation in Alkanes /10
- 2) Explain how Alkenes are prepared by Kolbe's electrolytic method. /10
- 3) How straight chain structure is ruled out in Benzene. /10