

SEM	SET	PAPER CODE	TITLE OF THE PAPER
II	2014	14UCH230202	GENERAL CHEMISTRY – II

SECTION - A**Answer all the questions:****30 × 1 = 30****Choose the correct answer:**

- The number of isomers for C₄H₁₀ are
 - 2
 - 3
 - 4
 - 5
- Metal used as catalyst in the reaction
$$\text{CH}_2 = \text{CH}_2 + \text{H}_2 \xrightarrow{200-300^\circ} \text{CH}_3\text{CH}_3$$
 is
 - Hg
 - Fe
 - Ni
 - all the above
- The reactivity of alkanes with halogens is in the order
 - F₂ > Cl₂ > Br₂ > I₂
 - I₂ > Br₂ > Cl₂ > F₂
 - F₂ > Cl₂ > I₂ > Br₂
 - Br₂ > I₂ > F₂ > Cl₂
- Angle strain in cyclohexane is
 - +5°16'
 - 5°16'
 - +44'
 - 44'
- Hybridization found in Carbon atom of Cycloalkanes
 - sp
 - sp²
 - sp³
 - sp³d

