

PYQSide

NEET HYDROCARBONS — PREPARATION OF ALKANES — PYQS

Max. Marks: 16

Questions: 4

Section A (MCQ)

- Q.1** Weight (g) of two moles of the organic compound, which is obtained by heating sodium ethanoate with sodium hydroxide in presence of calcium oxide is :

[NEET (UG) 2023]

- (1) 32 (2) 30 (3) 18 (4) 16

Scan or tap for the
full solution



- Q.2** $\text{CH}_3\text{CH}_2\text{COO}^- \text{Na}^+ \xrightarrow[\text{Heat}]{\text{NaOH, } +?} \text{CH}_3\text{CH}_3 + \text{Na}_2\text{CO}_3$

Consider the above reaction and identify the missing reagent/chemical.

[NEET (UG) 2021]

- (1) DIBAL-H (2) B_2H_6
(3) Red Phosphorus (4) CaO

Scan or tap for the
full solution



- Q.3** Which of the following alkane cannot be made in good yield by Wurtz reaction? [NEET (UG) 2020]

- (1) 2, 3-Dimethylbutane (2) n-Heptane
(3) n-Butane (4) n-Hexane

Scan or tap for the
full solution



- Q.4** Hydrocarbon (A) reacts with bromine by substitution to form an alkyl bromide which by Wurtz reaction is converted to gaseous hydrocarbon containing less than four carbon atoms. (A) is

[NEET 2018]

- (1) $\text{CH}\equiv\text{CH}$ (2) $\text{CH}_2=\text{CH}_2$
(3) CH_3-CH_3 (4) CH_4

Scan or tap for the
full solution



ANSWER KEY

Ques.	1	2	3	4							
Ans.	1	4	2	4							