

JEE MAIN ORGANIC CHEMISTRY – SOME BASIC PRINCIPLES AND TECHNIQUES — DEGREE OF CARBON AND DEGREE OF FUNCTIONAL GROUP (PRIMARY, SECONDARY, TERTIARY) — PYQS

Max. Marks: 12
Questions: 3

Section A (MCQ) — 3 questions

Q.1 Identify the correct IUPAC name of hydrocarbon (x) containing three primary carbon atoms and with molar mass 72 g mol^{-1} .

[JEE Main 2026 (Online) 5th April Evening Shift]

- (1) 1, 1 - Dimethylcyclopropane
- (2) 2, 2 - Dimethylpropane
- (3) 2 - Methylbutane
- (4) n-pentane

Scan or tap for the full solution



Q.2 The alkane from below having two secondary hydrogens is :

[JEE Main 2025 (Online) 22nd January Evening Shift]

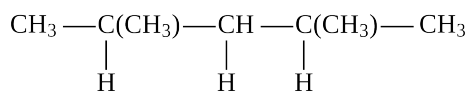
- (1) 2,2,4,5-Tetramethylheptane
- (2) 2,2,4,4-Tetramethylhexane
- (3) 4-Ethyl-3,4-dimethyloctane
- (4) 2,2,3,3-Tetramethylpentane

Scan or tap for the full solution



Q.3 In the given compound, the number of 2° carbon atom/s is _____.

[JEE Main 2024 (Online) 8th April Morning Shift]



- (1) Two (2) Three (3) Four (4) One

Scan or tap for the full solution



ANSWER KEY

Ques.	1	2	3								
Ans.	3	4	4								