

## JEE MAIN CHEMICAL KINETICS — PSEUDO FIRST ORDER REACTION — PYQS

Max. Marks: 4

Questions: 1

## Section B (Numerical) — 1 question

- Q.1** Sucrose hydrolyses in acidic medium into glucose and fructose by first order rate law with  $t_{1/2} = 3$  hour. The percentage of sucrose remaining after 6 hours is \_\_\_\_\_. (Nearest integer)  
(Given :  $\log 2 = 0.3010$  and  $\log 3 = 0.4771$ )

[JEE Main 2026 (Online) 6th April Morning Shift]

Scan or tap for the  
full solution

## ANSWER KEY

|       |    |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------|----|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Ques. | 1  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ans.  | 25 |  |  |  |  |  |  |  |  |  |  |  |  |  |