

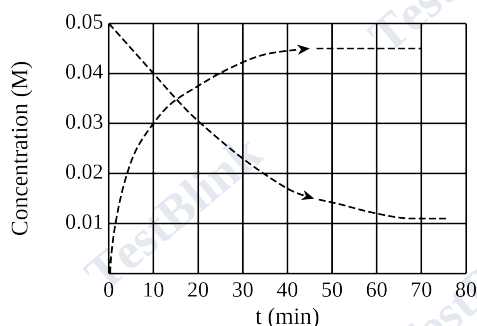
JEE MAIN CHEMICAL KINETICS — AVERAGE AND INSTANTANEOUS RATE OF REACTION — PYQS

Max. Marks: 8

Questions: 2

Section A (MCQ) — 1 question

Q.1



Given above is the concentration vs time plot for a dissociation reaction : $A \longrightarrow nB$.

Based on the data of the initial phase of the reaction (initial 10 min), the value of n is ____ .

[JEE Main 2026 (Online) 23rd January Evening Shift]

- (1) 2 (2) 5 (3) 4 (4) 3

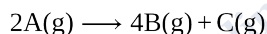
Scan or tap for the full solution



Section B (Numerical) — 1 question

Q.2

Consider the following gas phase reaction being carried out in a closed vessel at 25°C .



time (min)	total pressure of the system (mm Hg)
30	300
∞	600

The pressure of $C(g)$ at 30 minutes time interval would be ____ mm Hg. (nearest integer)

[JEE Main 2026 (Online) 2nd April Evening Shift]

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ANSWER KEY

Section A (MCQ) — 1 question

Ques.	1													
Ans.	4													

Section B (Numerical) — 1 question

Ques.	2													
Ans.	20													