

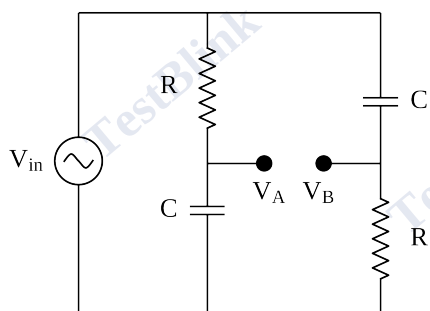
JEE MAIN ALTERNATING CURRENT — PHASORS — PYQS

Max. Marks: 4
Questions: 1

Section B (Numerical) — 1 question

- Q.1** For ac circuit shown in figure, $R = 100 \text{ k}\Omega$ and $C = 100 \text{ pF}$ and the phase difference between V_{in} and $(V_B - V_A)$ is 90° . The input signal frequency is 10^x rad/sec , where 'x' is _____.

[JEE Main 2025 (Online) 7th April Morning Shift]



Scan or tap for the
full solution



ANSWER KEY

Ques.	1										
Ans.	5										