



JEE Main PYQs on Resonance: JEE Main Questions for Practice with Solutions

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The JEE Main Chemistry section requires speed and accuracy, along with a thorough understanding of the Resonance. This article provides a set of JEE Main PYQs on Resonance to help you understand the topic and improve your problem-solving skills with the help of detailed solutions by ensuring conceptual clarity, which will help you in the JEE Main 2026 preparation.

Whether you're revising the basics or testing your knowledge, these JEE Main PYQs will serve as a valuable practice resource.

The **JEE Main 2026** exam is likely to continue on the same pattern as JEE Main 2025. Out of 90 questions, students can expect a fair mix from all topics. JEE Main 2025 Chemistry previous year questions (PYQs) is one of the

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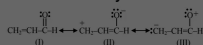
JEE Main PYQs on Resonance

1. The functional group that shows negative

- A $-\text{NH}_2$
- B $-\text{OH}$
- C $-\text{COOH}$
- D $-\text{OR}$

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2. Relative stability of the contributing structures is :



- A $(\text{I}) > (\text{III}) > (\text{II})$
- B $(\text{I}) > (\text{II}) > (\text{III})$
- C $(\text{II}) > (\text{I}) > (\text{III})$
- D $(\text{III}) > (\text{II}) > (\text{I})$

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3. The difference in energy between the actual structure and the lowest energy resonance structure for the given compound is

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A Electromeric energy

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4. In a resonance tube closed at one end. Resonance is obtained at lengths $l_1 = 120$ cm and $l_2 = 200$ cm. If $v_s = 340$ m/s, find the frequency of sound.

A 500 Hz

B 1000 Hz

C 1500 Hz

D 2000 Hz

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