

Feedback for EEE101 Session:2006-2007

Feedback: Please write simple statements about how well students addressed the exam paper in general and each individual question in particular including common problems/mistakes and areas of concern in the boxes provided below. Increase row height if necessary.

General Comments:

Overall, a lower than usual performance in an exam which was not perceptively more difficult than in previous years. 'Bookwork' sections, requiring a knowledge on the notes, were in general not done well which illustrates a lack of knowledge of the notes.

Question 1:

A significant number of students had difficulty in finding the equivalent resistance of series parallel combinations.

Question 2:

Lack of knowledge of notes reflected in poor attempts at the derivation.

Difficulty in recognizing that energy stored in inductor \propto current² and applying power = $v \times I$ to the sinusoidal waveforms.

Question 3:

A significant minority of students ignored phase by dropping the "j" notation. Students also had problems in accurately working through the algebra.

Question 4:

Derivation attempts (or lack of) showed unfamiliarity with notes.

Problems with complex algebra – only a few students demonstrated an ability to arrive at the answer without making an arithmetic mistake.