

Jordan University of Science and Technology  
Electrical Engineering Department

EE 452 Communications Lab

First Semester 2010-2011

Dr. Khaled Mayyas

Midterm Exam  
Practical Part

Nov. 23 2010

**Exam Instructions:**

Exam Time: 60 minutes

This is a closed note exam

The instructor should verify your circuit and its outputs

This exam weight is 15% of the total grade

Student's Name:  
Section #:

Student's ID #:

Connect the proper modules to implement a Tuned Amplifier system. The input signal is a square wave with a frequency = 465 kHz. Make sure that the gain of the system is greater than one and that it is tuned to provide the maximum output.

- a- Measure the Q-Factor of your system.
- b- Measure the Q-Factor of the Tuned Circuit independently.

EE Committee  
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