



Universiti
Malaysia
PAHANG
Engineering • Technology • Creativity

Faculty of Electrical & Electronics Engineering
BEE 3413 Principles of Communication Systems

Name: _____

ID: _____

Section: _____

Date: _____

(Failed to complete all the particulars above will be penalized 2 marks)

QUIZ 1 (group)

Mapping CO, PO, Domain, KI : C01, P01, C4

C02: Analyze and differentiate various types of modulation and demodulation techniques.

P01: Ability to acquire and apply knowledge of sciences and electrical & electronics engineering fundamentals

C4: Analysis

For an AM modulator with a 75 MHz carrier having amplitude of 50 V is modulated by a 3 kHz audio signal having amplitude of 20 V. Find the total power P_T , if the AM system has a load of 50Ω .

[7marks]