

學號: \_\_\_\_\_

姓名: \_\_\_\_\_

**A: Listening English and Choosing Chinese**

Wireless Communication

	濾波器	主動濾波器	帶通濾波器	調變器
	調變器	主動濾波器	解調器	濾波器
	收發器	射頻放大器	振盪器	接收器
	音頻放大器	射頻放大器	振盪器	接收器
	振盪器	收發器	射頻放大器	濾波器
	音頻放大器	接收器	射頻放大器	濾波器
	音頻放大器	接收器	收發器	射頻放大器
	音頻放大器	接收器	收發器	天線

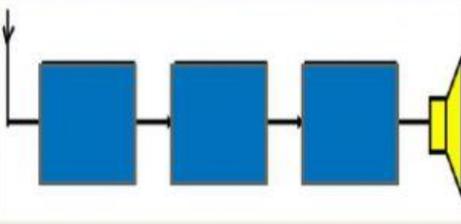
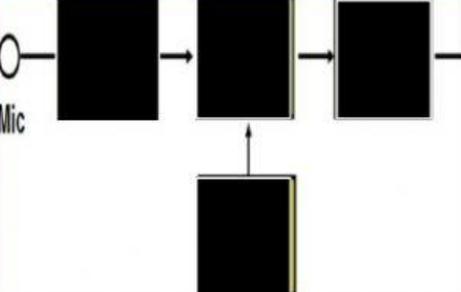
**B: Listening English and Choosing English**

	Modem	Modulator	Demodulator	RF Amplifier
	Modulator	network adaptor	Demodulator	RF Amplifier
	Missage	Massage	Message	Mossage
	Corrier	Cirrier	Cerrier	Carrier
	Double Sidebend	Triple Sideband	Sideband	Single Sideband
	Triple Sideband	Single Sideband	Double Sidebend	Stop band
	Detector	Transmitter	Encoder	Decoder
	modulation index	Demodulation index	modulation depth	modulation distortion

## C: Listening terminology and choose correct keywords

Terminology	Listen sentence	Choose the keywords
Modulation		The process of impressing information onto a _____ for transmission.
Amplitude modulation(AM)		The _____ of the carrier is made to vary in accordance with the instantaneous value of the _____ signal.
Encoding		A device, circuit, software program or person that converts _____ from one format or _____ to another, for the purpose of standardization, speed, secrecy, security or saving space.
Decoder		The devices that translates the _____ into an acceptable format.
Modem		A device that converts a signal from analog to digital or digital to analog, this enables data _____ to and from various _____.

## D: Combining correcting block systems

<p><b>The three Stages of a Receiver are:</b> Please combine the correct receiver system Drag white block to blue block</p>		<div style="display: flex; flex-wrap: wrap; gap: 10px;"> <div style="border: 1px solid black; padding: 5px; width: 50%;">Demodulator</div> <div style="border: 1px solid black; padding: 5px; width: 50%;">RF Amp</div> <div style="border: 1px solid black; padding: 5px; width: 50%;">Audio Amp</div> </div>
<p><b>The Four stages in a transmitter are:</b> Please combine the correct receiver system Drag white block to black block</p>		<div style="display: flex; flex-wrap: wrap; gap: 10px;"> <div style="border: 1px solid black; padding: 5px; width: 50%;">Oscillator</div> <div style="border: 1px solid black; padding: 5px; width: 50%;">Modulator</div> <div style="border: 1px solid black; padding: 5px; width: 50%;">RF Amp</div> <div style="border: 1px solid black; padding: 5px; width: 50%;">Audio Stage</div> </div>