學號: _____ 姓名: _____

Communication EMI Homework

A: Listening English and Choosing Chinese

	解多工器	解多工	多工器	多工
	資料通訊	資料串接	資料串流	串流
	解多工器	多工器	解多工	多工
	非同步傳輸模式	同步傳輸模式	自動傳輸模式	自動提款模式
	取樣	取樣寬度	取樣電路	取樣定理
	量化器	量化	質化	質化器
	解決	隔離度	解析度	分析
	解析度	隔離度	量化	混疊

B: Listening English and Choosing English

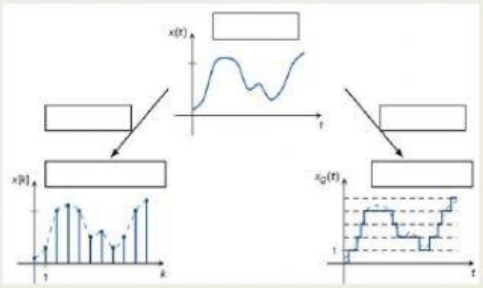
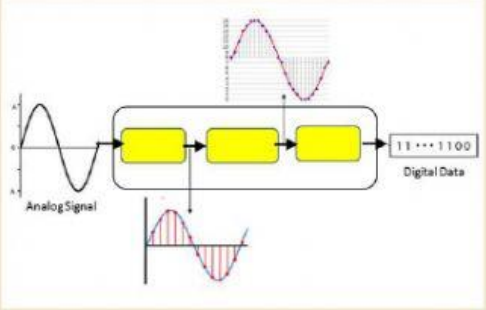
	Sample Resolution	Bit Resolution	High Resolution	Depth Resolution
	Band Width	Sample Width	Frequency Width	Sampler Width
	Pulse Width modulation	Pulse amplitude modulation	Pulse code modulation	Frequency modulation
	Byte depth	Index depth	Modulation depth	Bit depth
	Aliased	Aliased	Alaising	Aliasing
	Network switching	Circuit switching	Packet switching	Cross switching
	Time-division multiplexing Access	Frequency-division multiplexing Access	Phase-division multiplexing Access	Wave-division multiplexing Access
	Statistical time-division multiplexing	Synchronous time- division multiplexing	Time- division multiplexing	Speed- division multiplexing

LIVEWORKSHEETS

C: Listening terminology and choose correct keywords

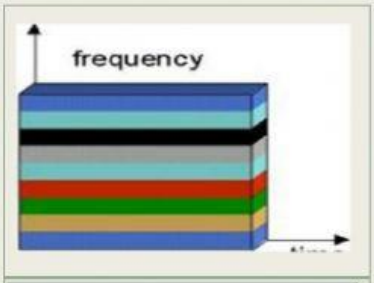
Terminology	Listen sentence	Choose the keywords
Multiplexing		_____ analog message signals or _____ data streams _____ into one signal over a shared medium
Frequency Division Multiple Access (FDMA)		**Frequency Division Multiple Access (FDMA) Advantage:** Reduces the _____ Information and the use of efficient _____ increases the _____
Analog/Digital		Which type of signal has less interference and has better quality when copied? _____
Bit depth		The bit depth is also known as: _____
Dither		When should you add dither? when you convert a _____ bit depth to a _____ bit depth

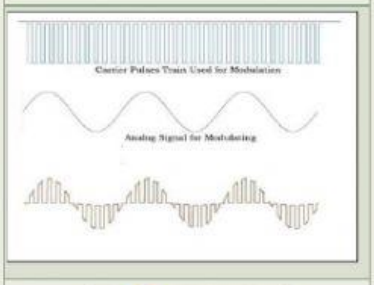
D: Combining corrcting block systems

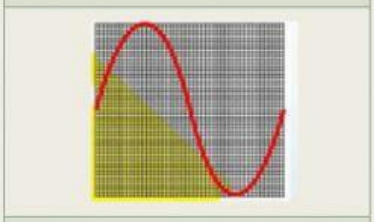
The process of converting the analogue samples into digital form: Please combine the correct position Drag white block to empty block		Analog signal Sampling Quantization Quantized signal Time-discrete sigal
The sequence of operations in which Pulse code modulation is done : Please combine the correct PCM system Drag white block to yellow block		Quantizing Encoding Sampling

LIVEWORKSHEETS

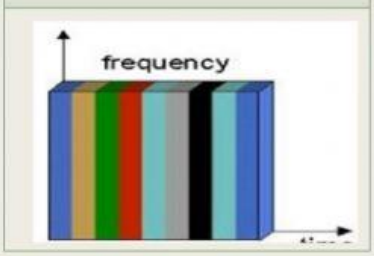
E: Pull line matching problem











High bit depth
High sampling

Low bit depth
Low sampling

Pulse code modulation

Frequency-division multiplexing

Time-division multiplexing

LIVEWORKSHEETS