EE QUALIFYING EXAMINATION

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1.	What is the difference be	etween	amplifiers	and oscill	lators?
	Discuss the difference in	terms o	of external	pumping	levels
	with respect to oscillation	n thresh	nold and ap	plication	S.

2. What is the difference between negative conductance oscillators/amplifiers and nonlinear susceptance oscillators/amplifiers?

3. What is the difference between pre-amplifiers and on-line amplifiers?