Q.28	What is the condition for resonar amplifier?	nce in tuned		. of Printed Pages : 4 Il No	127543		
Q.29	9 How can we use op-amp as integrator?			4th Sem. / Fire Tech. & Safety			
Q.30	Draw and explain the block diagratimer.	m of IC 555		Subject : Electronic Devices & Circuits			
Q.31	Explain the working of fixe voltage regulator IC 7805.		Time: 3 Hrs. M.M.: 10				
Q.32	What are the application of UPS?		Note	<b>Note:</b> Objective type questions. All question compulsory (10x			
	SECTION-D		Q.1				
Note	te:Long answer type questions. Attempt any three questions out of four questions. 3x10=30			RC coupling is used foramplification.			
Q.33	Explain working of SMPS with circu	SMPS with circuit diagram.		The last stage of audio amplifier is called as			
Q.34	What is clipping? Explain its types.		Q.3	Q.3 Class power amplifier has highes			
Q.35	Explain with the help of diagram working of wein bridge amplifier.		collector efficiency.				
Q.36	Explain push pull amplifier with diag	diagram and	Q.4	The negative feedback in amplifice of its voltage gain.	i amplitier increase		
			Q.5	In a transistor oscillator, t	the active device is		
			Q.6	Emitter follower is used for			
			Q.7	Q factor of coil is			
(60)	(4)	127543		(1)	— 127543		

Q.8	IC 555 timer has	_number of pin.	Q.17 Draw the block diagram of an oscillator?	
Q.9	An ideal Op-Amp has impedance.	Input	Q.18 Why RLC parallel circuit at resonance is called as rejector circuit.	alsc
Q.10	The output of 7805 IC and 7905 IC voltage regulator is &volt respectively.		Q.19 What is a clipping circuit? And also nam type.	ie its
			Q.20 What is an A-stable multi-vibrator?	
NI - 4 -	SECTION-B	A.H	Q.21 Define slew rate.	
Note	:Very short answer type ques ten questions out of twelve qu	•	Q.22 How Op-Amp is used as inverting amplifier?	?
Q.11	Why the gain of amplifier decibels?	is calculated in	SECTION-C	
Q.12	What do you mean by fre curve?	quency response	<b>Note:</b> Short answer type questions. Attempt any questions out of ten questions. 8x5	eigh 5=40
Q.13	What is the overall gain of mu	ltistage amplifier?	Q.23 Give the classification of amplifier dependence upon various factors.	nding
Q.14	List two advantages and disa amplifier.	dvantages of push	Q.24 What are the advantages of push pull ampli	fier?
	What are the advantages	es of feedback	Q.25 What is input offset voltage of an op-amp?	
	amplifier?		Q.26 Describe working of emitter follower and application	d its
Q.16	What is difference between oscillator and alternator?		Q.27 Explain piezoelectric effect.	
	(2)	127543	(3) 12	7543