QP Code: 28881

		(3 Hours) [Total Marks: 100	0
	N. I	 B.: (1) Question No.1 is compulsory. (2) Attempt any four questions out of remaining six questions. (3) Figure to right indicate full marks. (4) Assume suitable data whenever required. 	
1	(b) (c)	Explain antilog amplifier. Explain FPGA.	5 5 5 5
2.		With neat diagram explain 'two techniques of A to D conversion. Draw and explain the block diagram of IC 810 audic power amplifier in detail.	
3.	(a)	1 1 1	0
	(b)	down advantages and disadvantages of it. Explain opamp as voltage to current converter and mention the application of V-1 converter.	0
4.	(a)	ExplainMonostablemultivibrator using IC 555 with the internal circuit diagram of IC 555, draw the wave form. Calculate the value of R and C for pulse width of 20 ms	0
	(b)		0
5.	(a) (b)		0.0
6.	(a)	Obtain the transfer function for KRC low pass filter and draw the circuit Calculate the component value if fo = 2 kHz . and Q = 4 .	0
	(b)	*	0.1
7.	Wr	(a) Explain current amplifier with grounded load. (b) Explain the following term in relation to PLL: (i) Lock range (ii) Capture range (c) Compare active filter and passive filter.	20

Course: S.E. (SEM, IV) (REV. - 2007) (E&TC ENGG.)Prog-T1414

QP Code: 28881

question no 07 ..

instead of any three it is any two

Date and Time 19/05/2016 04:51 PM

No student of EXTC(01a)

(P.P-gawade)

S. supervisor.

19/05/2016, 5:00 pm