Reg. No:

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR

(AUTONOMOUS)

B.Tech I Year I Semester Supplementary Examinations November-2021 THERMAL AND FLUID ENGINEERING

(Electrical and Electronics Engineering)

Time: 3 hours			к. М	arks: 60
		(Answer all Five Units $5 \times 12 = 60$ Marks) UNIT-I		
1	b What is coal h	andling system? nction of cooling tower?	L4 L1 L1	4M 4M 4M
2		The state of the s	L2 L1	6M 6M
3		Heat, Sensible Heat and Dryness fraction.	L1 L4	6M 6M
4	a What is the fu		L1	4M
	b Explain water	tube boiler with neat sketch. UNIT-III	L2	8M
5		1 ,	L1 L1	6M 6M
6	-	e and inverted U-tube manometer with neat sketch	L2 L1	8M 4M
7	a Derive Bernotb List out types	ulis equation.	L4 L1	6M 6M
8		nction of venturimeter? Write down formula for discharge.	L4 L2	4M 8M
9		e expression for force of jets on stationary plate with neat sketch	L4 L2	6M 6M
10			L1	6M
			L2	6M

*** END ***