

PARSHVANATH CHARITABLE TRUST'S

A.P. SHAH INSTITUTE OF TECHNOLOGY

Department of Computer Science and Engineering
Data Science

Semester :	Subject :	Academic Year: 20 - 20
ex. on Comp	lemented Lattic	e-
1) Determine	whether the gi	ven lattice.
15 compleme	whether the go	d, LB=a
	if for a and avd = d hence, a	d
-/	aVd = d	and a
6	hence, a	= d , d = a .
	iil Pos la and	^
	ille for b and	11000
a	bvc=d honce b=	, b/10 = a
	honce. b=	, C = p
Here, e hence th	uery element is	having compleme
lattice.		
~ d		
2)	(B=a, UB=0	
/ 60	ac-d, de-c	
0	for e and h	0,
b	evb=d	ec=b
	enbea	b=e
o .	for e and e	-,
	evic = d	ed
	enc=a	e = c
so th	is is complement	
Subject Incharge :	Page No Departm	ent of CSE-Data Science APSIT