

## PARSHVANATH CHARITABLE TRUST'S

## A.P. SHAH INSTITUTE OF TECHNOLOGY

Department of Computer Science and Engineering

Data Science

Semester: DSGT Academic Year: 2077 - 2077
* Isomorphic graph & homomorphic graph.
a p b X p g y
G1 G2
=> i/ degnes (a) = 3.  degnes (b) = 2
degnee (c) = 2 degnee (d) = 3
degree (x) = 3 degree (y) = 3
$\frac{\text{degree}(z)=2}{\text{degree}(\omega)=2}$
ii) No of vertex = 4 2 of Graph Gr
iii\ No. of edges = 61 = 5
iv) Mapping of GI & GZ
mapping(a) $\rightarrow \chi$ $\chi$ $\chi$ $\chi$ $\chi$ $\chi$ $\chi$ $\chi$ $\chi$ $\chi$
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Subject Incharge: Page No. Department of CSE-Data Science   APS



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Now me	have to	validare	mapping	7.000	- 1
( a .	> 2)		ol <sub>p</sub>	10	1
) Sc	-> Z d				
Gd.	-> ye		1		
edge b	y a d	b is	present		
ed de b	et? x &		+ preser	V.	
edgerte	78	wn	of pres		
odae b	et us	d p	present		
odge be	et" a d	C	present		
edge b	et" a	ed	present		
odae	pet" he d	e y	present	Sil	
edge b		2 4	present.	Kill	
In this u	vay, me	can si	ay that	both	
			1 2 mm (12 ) mm	99.00	
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