3/11/22

DMG7 - Tut -

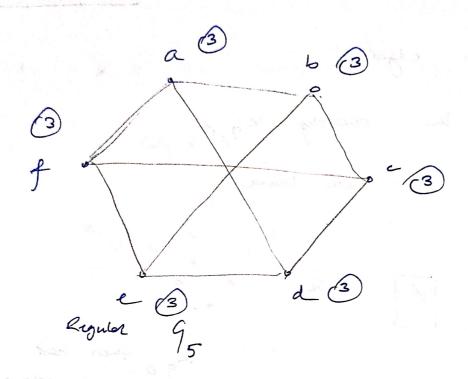
Krishnoloj PT PAZO SY CSF

Q.1. Kg = complete glaph

edges = n(n-1) = $\frac{72}{2}$ = $\frac{36}{2}$

5,8 = 5×8 = 40

Q.2 Drow a graph which is regular of degree 3. (h > 5)



Q.3. Which graphs are isomorphia?

 \rightarrow Checking 9, and 92

	C	1		92	-
ver	deg	9 adj deg	ru	day	aelj T
æ	2	3,3	a	2	4,3
Ь	3	2,43	ь	4	2,3,3,2
C	3	3,4,2	L	2	4,3
d	2	3,3	d	3	2,3,2
e	3	2,4,3	e	3	1,3,3
f	3	2,4,3	+	3 6	7,33
9	4	3, 3, 3, 4)	8	3 /	3,3,3

2 2	a d	a det	3
<i>†</i>			٨
کہ	1 when	mashir	

50 9, not isomorphii

7 Sam

			To the sec	44
under	nan	9	e	92
~,,,,	1	11	9	1-5

9,		43			
ver	deg	adj	ru	deg	adj
a	2	3,3	a	3	3,3,3
Ь	3	* 2,4;3	Ь	3	3,4,3
c	3	3,4,2	-	Á	3,3,3,2
9	2	2,3	d	2	3,4
c	3	34,3		3	3,2,2
+	3	2,4,7	+	1 1	2445
4	4	2,2,2,3	7		3,4

-> does not

So not matching I not Iso mosphi

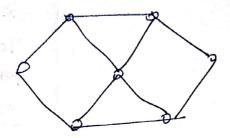
Chukisy 92 4 93

	92			93	*
VU	dej	adj	٧٠L	dig	adj
a	2	43	a	3	323
Ь	A	2,3,3,2	6	3	12
C	2_	4,3	_	1	3/4/3
9	3	2,3,2	d.	4	4,3,3
د	3	4,3,3	1	2	3,3,2,
f	3	4,3,3	1	3	3 - 2
9	2	3,33	Y	2	3.4

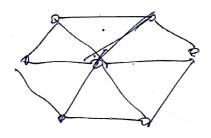
Match

92 and 93 are Fromosphic

Complement degue of a signler gropen



(iv) Planak glaph with 12 edges & 7 vertices



(v)

