





	1	
	0	During reaction course catalyst remain unchanged
	2	small gt. of catalyst required to carry larger reaction.
	②	cannot initiate reaction from wherever it added the actalyst
=1	The story	from that point it will atalyse the Reaction
0	(catalyst are specific in nature.
01	⑤	It will not after the position of equilibrium.
	(m) (e)	Positive atalyst - promoter ulang turning the
m =	1	Alan I (all the
stant	taplator	## 1 N2 + 3H2 Fe 2NH3 ## 2 N2 + 3H2 Fe 2NH3
0 = kp	9	Negative catalyst - Inhibitor
		N2 + 3H2 Fe' 1 2NH3 V 2NH3 V
	N.	H2S/C0 10-5H0
	•	Homogenous catalysis: to sucrepare to the proof of the last
		2502 + 02 NO 2503 = (lead chamber)
	7	o president non analysis of militaria of
¥		CH3-C-O-CH3 - THE OF CH3OH+ CH3COOH TOTAL
	dien ,	Methyl acetate to H-OH. He out to not be somewhat
		. touborg to
	•	Heterogenous catalyst: more touter bearing to militaring @
gai		. 025021+ 02 with the 12503 (contact process) 10 11 11 10
		N2 + 3H2 Fe 2NH3 (Haber's process)
		Mo tylotopia : proping t
	•	Autocatalysis:
	סונלמכל	+ sample <- xolymos =) <- obortedue + ampsig
Fig.		CH3-C-OC2H5 HA C2H5OH + CH3COOH
1		ethyl acetate) 14-04 acidic environment to plant
		- operation outure
1		Induced catalysis:
	4	(0.18=30) durat monito -
		Na2503 [0] Na2504
		classmate
		CIASSMALE

	1	Nas As Da I [0] No Reaction was not been primed to
		N02503 + N03A503 102 N02504 + N03A504
-1	layir	the at books it assessed most misuer strated forance
	•	Intermediate tempound Formation theory: Homogenous catalyst
		of contours and instance in nature, whenever is a reserver
		A + B KNINGILLA-BO COTTO DOCA SHOCK TO WANK TO
		Reactant catalyst Product React catalyst Ream Interm.
		EHMS OF WA+KH B A-B+K
	0	2502 + 02 NO 2503 M Product catalyst
		radididnI - taularan evila coll Energy
	2	O AICIS + HCI SHE + SIN
	T	CH3-CL C) CD/8211
	•	Adsorption theory: Heterogenous catalystiation and apparent
	À	2502 + 02 NO 9503 = (1003 shouldes)
	0	Diffusion of Reactant near catalyst
	a	Adsorption of reactant at surface of catalyst
	3	occurrence of reaction at the surface of catalyst and formation
		of product.
	9	Description of Formed product from catalystic and apparetall .
(<u> </u>	of product away from catalyst surface.
		No + 2H2 TC 2NH3 (HOWER'S PILETS)
•	9	nzyme:- Biocatalyst
		: Slephotosomy .
		Enzyme + substrate -> E-z complex -> Enzyme + product
		मार्थिका में मिलिना क्षेत्र वास्त्र वा
-	Hi	ghly efficient actives sibi-coptimum pH (5-7) release tydes
-	вр	ecific in nature
_	lidal tem nature.	
4 _	Op	inum temp (25-37°C)
y i		HOLCON [0] EG-EDN
		classmate PAGE PAGE

		DATE
	0	Invertage - sucrose - Gilu + Fructose on (cintonin)
	②	Diastase -> Mattose -2 Glucose.
	3	
	4	Amylase starch - no glucose B
	⑤	Lactose -> Lactose - B-glucose + B-galactose
de.	(Wicone - (IFP) - INIII - I - CO
JES .	7	pepsin / trypsin - protien - & Amino-acid
	8	lipase - Fatty acid + glucose - lipid
SY.		- lipid
	•	Induced - Fit mechanism Innk and key model - Picid
		Look and key model - Rigid
ia N		
· 日本		
e Ž		Enzyme substrate Es complex Enzyme substrate Es complex
	_	
	•	shape - selective catalysis:
	-	Natural / artificial microporous aluminosilicate network.
i de la companya de l	-	zeolite (Boiling stone)
ă x	1	Al is replaced by Si M (AlD2) x (SiD2) y n. H2D
		ZSM-5: alcohol -> hydrocarbon
in .		
- 1	-	260 nm - 740 nm (gasoline)