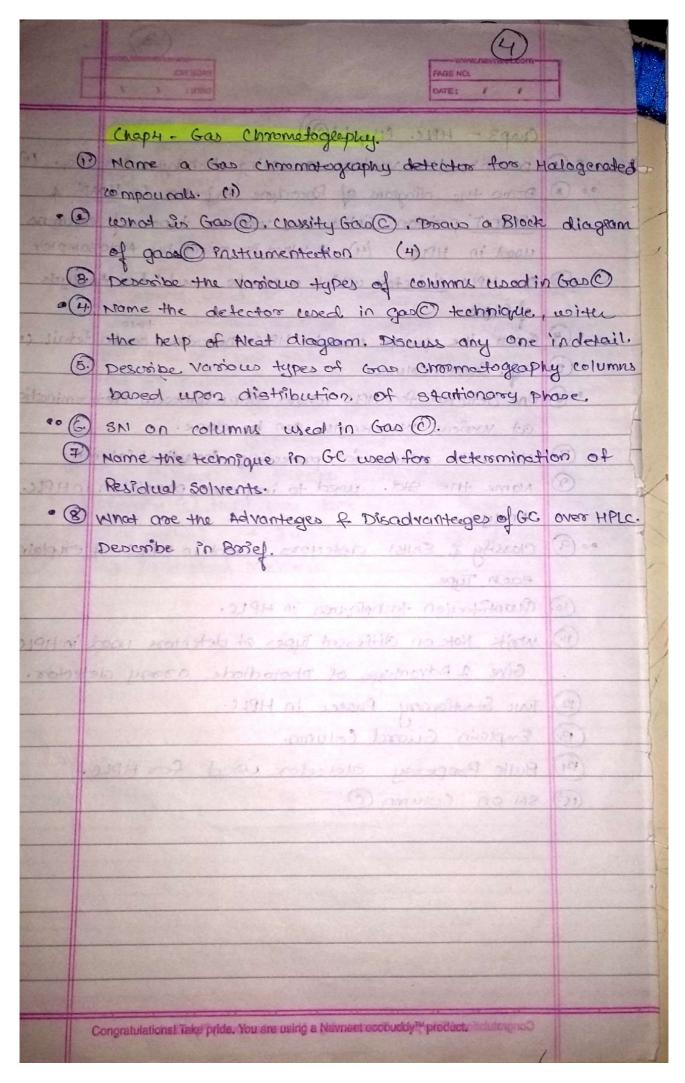
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	Chap 2. Multi component.
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<u>@</u>	Absorbance Ratio Method.
<u> </u>	Difference Spectroscopy Wethod.
43	Derivative Spectroscopy Method.
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	Control of Statement (180 d)
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^	amphophism Pelestion Time
(1)	what is meant by valedation. Enlist the validation
20 (3)	parameters & describe precision in detail. (4)
	would in Becision? Describe the various types of Precision
	Emploin the following terms. 13 limit of accontification.
	② limit of detection ②
(5)	Give the significance of Validating an Analytical method.
	sn on unear Regression Analysis.
	why is validation of Analytic Method imp? Give the.
	Propostance of LOD & LOQ.
8	Del Limit of Quantification.
• 🔊	what is meant by validation of Analytical methods?
	18st the validation Parameters as per USP.
(10	Emplain Pecessional Prequency.
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	PAGE NO.	
	Chap2- Chomatazeaphy.	
• 🕝	Enplain HETP (2).	07
•0 ②	Def. Retention Pine.	2
••• (3)	al Booding Blution.	000
	Distiguish Between Normal Phase & Reverse A	we (s)
~	Def Internal Standard.	
<u>©</u>	Def Isocratic Elution. 2 solvents used as Mobile phase in Reverse Phase	De Co
• (7)	write with the help of suitable diagram	emplain
(8.)	the role of flow rate in @ Analysis using	Van -deemelo
0	wort @ Emplain @ selectivity factor	(4).
	2 Relative Retention Time	
wottole	3) Reverse Prope Chromatography.	0
(16)	Timo Methods to develop chromosogram.	
• (1)	classify @ techniques schemetically . Emplain	any 1
Solom A Joy	in detail + Justify Advantage of us	ing AFIC
. hojfsmi	as Analytical Method.	
	(a) nothertale to time! (b)	9
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	with the volldation of Analytic Method imp? Give	The state of the s
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	Chap3 - HPLC. (Hquid@)	
	Describe the various sampling techniques for	lig. (4)
	Draw the alignam of Rheadyne injector in 120	
	'INJECT' position. Enlist the vorrious types of	
	used in HPLC (4) + What is meant by Auto	samples of
Committee of the Commit	one HPLC detectors which a coin be used for An	CONTRACTOR OF THE PARTY OF THE
	of Sugar. two	
THE RESERVE TO SERVE THE PARTY OF THE PARTY	Envist the pumps used in HPLC. Describe one in	
	Def. Guard Column.	
• 6	One detector for HPLC cohonse simultaneous dete	
(F)	Name the column for protecting Analytical Column	
9	Name the Std. used to improve precision	
1914 200VA	Analysis. Markett 2 market at an indiv	
•• (a)		
	each Type	
(10)	Quantitation techniques in HPLC.	
(1)	white Note on different Types of detectors upod	
	Give 1 Advantage of Photodiade array de-	tector.
12		
(3)		9
	Bulk Property detector used for HPLC.	ı
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L	.094 (EAGE, NO.) \(\ \ \ \ \ \ \ \ \ \ \ \ \	
	Chaps. Plannar Chromatography. 4 (Paper +)	IC + HPTLE)
• • •	Name 2 visualization technique in 910. (1)	(1)
•• (3)	Enlist the various developmental techniques in Pa	aper O
AMAIN-H-1	of alexander one in detail. (4)	0
3	Two factors which affect resolution in 920.	
00(4)	compose & conteast between HPTLC & TLC. No	meany
	two visualisation techniques for Tec.	
	SN on developmental techniques in Paper (3)	
The second secon	Enlist 6 factors which affects Resolution in	
	Describe how & dimensional PLC. is carried us	
	suiterble d'agrams.	(8)
	Marker & Describe Preskumentedion of HPTLC.	6
	compare & contrast botween Paper @ +	
	Name any two coading material for Tic.	
	amore on boar strong out	(1) (No. 1)
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	factor affecting the coupling passes	
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	AND SOME OF THE PROPERTY OF TH	
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•	why does spritting occurs in H-NMR spee	troscopy?
Comadi	Explain with a Suitable Emplain - 4)	(5) % 9
(a)	What is meant by spin-spin coupling in	H-NIMR
	spectroscopy. Emplois with Eg.	6)
3	Emplain Magnetic Equivalence in MMR spect	eoscopy.
4	One detector wood in moss spectrometer	
	Name internal stendard used in MMRS	bealocoba
	SN on H-NMR spectroscopy.	101 11.00
• • (7)	SH on feictors influencing chemical Sh	11 MAILES
(8)	Enplain Basic information obtained from	H-WKIK
	specta with suitable Eg. for each.	Took.
9		Amicotions
(10)		The state of the s
0 (13)	In NMR. I have been sent was work	1
	TIMO Solvents used in HWMR.	oin solitting
(12)	Define chemical shift of emplain spin-sp	
	in HNMR. spectroscopy.	inthe.
(13)	tollowing compound. Name them as 9,6	c,etc.
	CH2 = CH-CI. & Give PMMR SI	pectrumot
	Com	po und.
H.	Emplain HI-MMR. What is coupling constant? work in Brie	1
, (15)	Country of Country Country	4
	factors affecting the coupling cons	
(16)	SN on chemical Shift.	Spertioscopu
(H)	SH on Theory & Applications of NMR	5.
(18)	Give 2 Eg. of Solvents used in NIME	
	sn on Spin-Spin coupling sn on Chemical Ipnisation in ms.	
(20)	Congratulations! Take pride. You are using a Navneet ecobuddy M product. All the pride of the pr	
	Congratulations: Take price. To de San	,

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	Chape - Mass Spectrometry:	
34.	list out vassous Ponisation techniques in mass	spectrome
0134	Emplais any one Pontaction technique in	detail.
•	Process Chemical Ionisation in Mass &p	ectroscopy
	Other its advantage of Discoluentage.	
3	sh on mass Analyser.	18
0	Name any 2 soft Ponisation techniques	The state of the s
. 54	Mays spectronicepy.	9
3	Enlist Mass Analyzers used in Mass spect	to metry.
	Emplain any 1 in detail.	9
(3)	sh on fragmentation in Mass Spectrom	etry.
9	SN on Reasongement in Ms Fragmented	
8	Emplain Mass Spectrum (2mx):	THE RESERVE OF THE PERSON OF T
9	Name mass spect to meter Based on Veloci-	
0	evitu diagram emplain woring of Dempst	
-14	Mass spectrograph.	
(m)	Discuss feagmentation Pattern of Ketones &	
12)	Det. Moleculors Jon.	
(3)	Det Meterstable Jons.; Mass Spectrum	
(14.)	SN on Tonisation techniques in Mass spo	ectrometry
3	SH on Mc. lafterty Rearrangement	9
(d)	Name the Peak in mass spectroscopy gener	relly with
	Highest m/e value.	
P	list out various Ponisation techniques in M	s.
	Emplain 2 ionisation technique in det	
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