S.E-IV Sem Brotech

Analytical methods in Biotechno logy QP Code: 12530

	(3 Hours)	Total Marks:	80
N.B. : (1	Question No. 1 is compulsory.		
Ċ	2) Attometer 6		
. (-	2) Attempt any four questions from remaining six questions.		1
ζ.	3) All questions carry equal marks.		
. Write	short notes on.		20
(a)	Bear Lambert's Law.		20
· (P)	A-1:		
(0)	Application of tracer technique.		
(0)	Principle of chromatography.		
(d)	Isoelectric point.	A STATE OF THE PARTY OF THE PAR	
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2. (a)	Explain the principle & working of HPLC.		10
(p)	Explain in detail two dimensional electrophoresis.		10
3. (a)	Discuss in detail about SDs-PAGE.		10
(b)	Mention the different factors that affect electrophoresis in detail		10
,	detail	1.	10
4. (a)	Explain in detail about different 1	% ●0	u w
(b)	Explain in detail about differential centrifugation.		10
(0)	Explain Ion exchange chromatography.		10
5 (2)	Discourant		
5. (a)	Discuss the principle and working of affinity chromatography.		10
(b)	Explain Geiger Muller and Simtullation counter.		10
6. (a)	Explain the principle and instrumentation of UV-Visible spectron	metrv .	10
(b)	Give the application of immuno electrophorus.		10