		(03 Hours)			arks: 80]
N. B.:	(1)	Question No. 1 is Compulsory.			2 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
	(2)	Attempt any THREE questions out of remaining FIVE questions.			
	(3)	Figures to the right indicate full ma	rks.	5.4.4.9968333446 5.4.8996893334	
	(4)	Make suitable assumptions whereve	r neces :	sary.	
1.	(a)	Distinguish between U.O.P Characte	rizatior	factor and Correlation Ind	ex. [05]
	(b)	Differentiate between Pump back Re	eflux an	d pump around reflux.	[05]
	(c)	Differentiate between Catalytic Cracking and Catalytic Reforming			[05]
	(d)	Define and explain the importance o	f Pour F	Point and Smoke Point	[05]
2.	(a)	Give different testing methods to test quality of Diesel. Explain in c			ils. [10]
	(b)	Distinguish between ASTM distillat	ion and	EFV distillation	[10]
3.	(a)	What is mean by dehydration and desalting of crudes? Explain the process v suitable diagram.			ess with
	(b)	Explain different tower arrangements used in crude distillation.			[10]
4.	(a) (b)	Explain Flexi Cracking Process in details with Flow diagram.			[10]
	(b)	Explain LPG Production Process in details with Flow diagram.			[10]
5,888	(a)	Explain Air Lift Thermofor Process in details with Flow diagram.			[10]
A HOLO	(b)	Explain Furfural extraction Process in details with Flow diagram.			[10]
6.		Write Notes on Following:			[20]
	(a)	Specialty Products	(b)	Origin Theory of petroleur	m
2 2 4 6 2 4 6	(c)	Air Blowing of Bitumen	(d)	Polymer Gasoline	
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