Paper / Subject Code: 41906 / 3)Petroleum Refining Technology

Please check whether you have got the right question paper.

[Time: Three Hours]

12/10/2018 Technology 1T00517 - B.E. (Chemical) (REV. -2012)(CBSGS) SEMESTER - VII / 41906 - 3)Petroleum Refining 58034

[Marks:80]

		 Question.No.1 is compulsory. Attempt any three questions out of remaining five questions. Figures to the right indicate full marks. Neat flow sheets must be drown whenever necessary 	5 75 70 S
Q.1	a)b)c)	Explain and discuss the importance of following ASTM distillation and TBP distillation. UOP characterization factor and Correlation index. Ried Vapour Pressure Sweet and sour crude oil	20
Q.2	a)	methods for locating the crude oil?	10 10
Q.3	a)		10 10
Q.4	a)	Describe the importance of coking operation in refinery. Explain delayed coking operation in detail with suitable flow diagram. Name different types of cracking process which are carried out in refinery and explain fluidized catalytic cracking process in detail.	10 10
Q.5	-	Explain the sulfur dioxide treatment to remove aromatics from kerosene stream. What is Gasoline? Explain briefly about the blending of Gasoline along its significance in refinery.	10 10
Q.6	a)b)c)	Write short notes on following HF Alkylation process along with its merits and demerits Air blowing bitumen process of Asphult Ethanol as a bio-fuel Petroleum jelly	20