

B.Tech. Fourth Semester (Food, Www.FirstRanker.com, Petro Chem.) (Panker.com, 11016: Petro Chemical Technology-I (Special Technology-I)

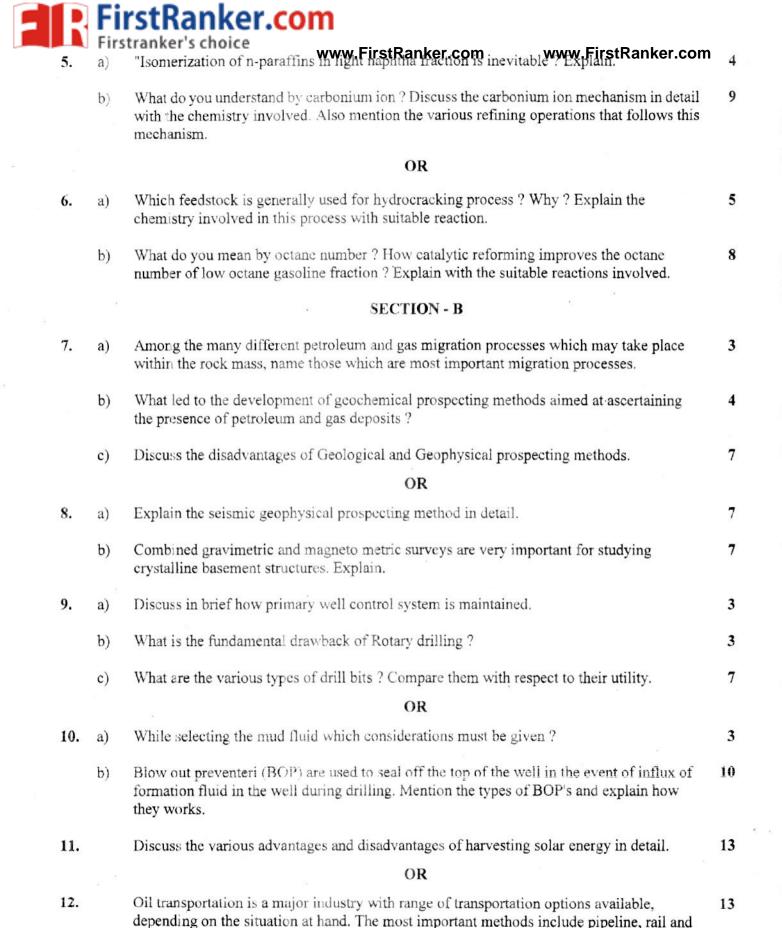
4 PC 02

P. Pages: 2



AW - 3079

Time : Three Hours			* 0 6 7 1 * Max. Ma	Max. Marks: 80	
8	Note	3: 1. 2. 3. 4. 5. 6.	Due credit will be given to neatness and adequate dimensions. Assume suitable data wherever necessary. Diagrams and chemicals equations should be given wherever necessary. Illustrate your answer necessary with the help of neat sketches. Discuss the reaction, mechanism wherever necessary. Use of pen Blue/Black ink/refill only for writing the answer book.	3 2	
			SECTION - A		
1.	a) _	Name th high dep	ne exploratory and drilling vessel involved in the discovery and drilling of Bomb posit.	ay 3	
	b)	What fac	ctors are responsible for the exploration activity in the Cambay basin?	3	
	c)	Name ar	nd discuss the various biological and physical methods of petroleum formation.	8	
,			OR		
2.	a)	What is	the crude oil throughput of Indian refineries during last three years?	3	
	b)	When In in brief.	idian oil corporation was commissioned? Discuss the objectives of it's formation	n 4	
	c)		the Bertheloti and Mendelcef's inorganic theory of petroleum formation in detail probable chemical reactions involved.	7	
3.	a)	What are toluene	e the boiling points of methane, ethane, pronane, cyclohexane, iso-octane and?	3	
	b)	What are products	e the ill effects of N-compounds on petroleum processing and petroleum?	3	
	c)		you mean by "Wobbe Number"? Discuss the classification of natural gas ig to the Wobbe number.	7	
			OR		
4.	a)	What do	you understand by "Sweet" and "Sour" natural gas ?	2	
	b)		you mean by basic and nonbasic nitrogen bearing hydrocarbon compounds? one example of each with structural formula.	4	
	c)	Which c	ompounds are treated as impurities in petroleum and petroleum fractions? Why	? 7	



ship. Each method has its own advantages and is desirable in certain situations. Discuss

each method in brief.