Which of the following has high hydration energy?

b) K^{*}

c) Fe and Cu

b) 12 six c) 20 six	membered membered membered		<u>;</u>	
11.Thermody a) Diamo c) Fuller	ond 1	the most stable form of Carbon is b) Graphite d) Coal		
12.The best compoun	and latest t	echnique for isolation, purification and separation of	of Organic	
-	allisation 1	b) Distillation d) Chromatography		
a) Benze	ene 1	ng is a non-benezenoid aromatic compound? b) Aniline		
c) Tropo	olone (d) Naphthalene		
		Benzene molecule is		
		b) sp²-hybridised d) dsp²-hybridised		
o, spn	ybridised	a) aspnybridisea		
-		in water is around		
a) 6.5 c) 8.6		b) 7.6 d) 5.6		
16.The react called	have s	greagent, Carbondioxide, Sodalime, Cation] gets consumed and limits the amount of product for smaller radius than their Parent atom. the substances that dissociates in water to give dry ice is oxylic acids on heating with forms all		
		PART-B		
III Answer any	FOUR of th	he following. Each question carries two marks.	4X2 = 8	
aa ma baa a tii	an 2	Methane are required to produce 22g of CO2 after quation for 'n' moles of real gases and explain the	terms.	
22. Give Vano	lerwaais e	an NF _{3.} Give reason.		
23.NH ₃ is mo				
(i) Plaster	_	, , , , , , , , , , , , , , , , , , ,		
(ii) Caustic				
25. Write any two differences between Diamond and Graphite.				
26. Draw the Newman projections for Staggered and Eclipsed Conformation of Ethane				
27. Expalin V	27. Expalin Wurtz reaction with an example.			
20. That is Biological Oxygen Demand (BOD)? What is its significance?				

solida

