

Con. 10146-14.

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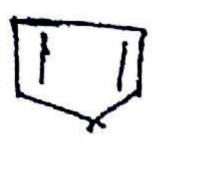
Chemical - Sem IV

EC II

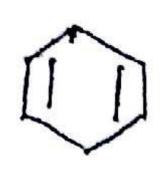
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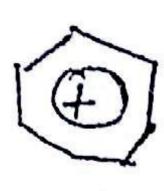
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(d) What is aromaticity? State whether following compounds are aromatic 5









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5.	·(a)	What are ion exchange resins? 4.2gm of common salt is passed through cation exchanger in H ⁺ form. Calculate the weight of HCl that will be formed.	5
	(b)	Describe principle and	
	(c)	Describe principle and working of flame photometer. Derive an expression for e.m.f. of a concentration cell without transference.	5
		transference.	5
	(d)	Explain why pyridine is more basic than pyrrole.	5
6.	(a)	Explain ampherometric six and	35
	(b)	Explain ampherometric titration of Pb (II) ion against sulfuric acid. What are emulsions? Mention its two Circumstants and acid.	5
		What are emulsions? Mention its types. Give any two methods of identification.	5
*	(c)		
	(d)	Explain the concept of shielding and deshielding effect with examples	5
	poes 10 mg	and deshielding effect with examples	,

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