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Roll	No.	Total No. of Pages : 03
Tota	al No. of Questions : 22	
	PHARMACEUTICAL (Subject C	Conward) (Sem3) ORGANIC CHEMISTRY-II ode: BP-301T de: 75105
Tim	e : 3 Hrs.	Max. Marks: 75
1.	each. SECTION-B contains THREE quest have to attempt any TWO questions SECTION-C contains NINE question have to attempt any SEVEN question	ons carrying FIVE marks each and students
Cho	ose the correct option in the following o	
1.	As per Huckel rule aromatic compounds	contains pi-electrons
	A. 4n+2, B. 2n+4,	C. 4n-2, D. 2n-4
2.	Benzene undergo electrophilic substituti	on rather than electrophilic addition because of
	A. Resonance stabilization of reaction p	product
	B. Stability of intermediate carbocation	S S
	C. Both A & B	
	D. None of these.	
3.	Saccharine is	
	A. o-Benzenesulphonamide	C. p-toluene sulphonyl chloride
	B. p-toluene sulphonamide	D. p-amino benzene suphonic acid
4.	Electron withdrawing substituent	acidity of phenol.
	A. Increases	C. Does not effect on
	B. Decreases	D. None of these
	D. Decicases	D. Profile of tilese
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5.	Electron withdrawing group basicity of aniline.			
	A. Increases		C. Does not affect	
	B. Decreases		D. A&B both	
6.	Hydrolysis of fats by NaOH leads to the formation of			
	A. Soap	B. Glycerol	C. A&B both D. Detergent	
7.	Decalin is fully sate	urated		
	A. Napthalene	B. Anthracene	C. Phenanthrene D. Benzene	
8.	Ring opening reac cyclopropane becau		e occurs at higher temperature than that of the	
	A. More stable	B. Less stable	C. Less strained D. More strained	
9.	product predominates in electrophilic substitution in naphthalene			
	Α. α	В. β	C. γ D. δ	
10.	Bulky substituent on chair form of cyclohexane is always in			
	A. Equatorial		C. Quasi axial	
	B. Axial	EirsiR	D. perpendicular to plane of ring	
	SECTION-B			
11.	Discuss the directive effect of substituent on electrophilic substitution in monosubstituted benzene.			
12.	Describe important name reactions of phenol.			
13.	Describe principle and significance of various constants that are used for analysis of oils and fats.			
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SECTION-C

- Explain aromatic characteristic of benzene on the basis of Huckel's rule.
- Discuss effect of electron-withdrawing and electron releasing group on acidity of phenols.
- Describe hydrolytic and oxidative rancidification of fats and oils.
- Describe mechanism of Haworth synthesis of anthracene.
- Explain Bayer's strain theory.
- 19. Explain why cyclopentane and cyclohexane are more stable than lower cycloalkane?
- 20. Discuss the synthesis of Azo compounds from diazonium salt.
- Describe important preparations of anilines.
- 22. Explain mechanism of Friedal-craft acylation.

NOTE: Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.

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