



BRAINWARE UNIVERSITY

Term End Examination 2023-2024

Programme – B.Pharm-2020/B.Pharm-2021/B.Pharm-2022

Course Name – Pharmaceutical Organic Chemistry II

Course Code - BP301T (Semester III) Brainware, Kolkale 700125

1 x 20=20

Full Marks: 75

Choose the correct alternative from the following :

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A (Multiple Choice Type Question)

(i) identify the correct option ,Gamme	xane is also known as
a) Hexachloroethane c) Hexachlorocyclohexane (ii) identify the correct option,Ozonoly:	b) DDT d) TNT sis of benzene gives
a) Formic acid c) Formaldehyde	b) Glyoxal d) Glycine
catalyst to give	e reacts with propane in the presence of H2SO4
a) n-Propylbenzene c) Cumene (iv) Select the correct option. Benzene anhydrous aluminium chloride to fo	b) Benzophenone d) Nothing Happens reacts with benzoyl chloride in the presence of
 a) Benzyl chloride c) Benzal chloride (v) Identify the product form after the FeCl3 catalyst 	b) Benzaldehyde d) Benzophenone reaction of Benzene with chlorine in presence of
a) Hexachlorobenzene c) Hexachlorocyclohexane vi) In sulfonation of benzene the attack	b) Chlorobenzene d) Benzyl chloride king species is
	b) SO2 d) HSO4- idered to be the active agent in the nitration of
benzene is a) NO2-	b) NO

(viii) Which of the following agent is used in order give acetophenone?	to make benzene react with chloride to	
	a) Ultraviolet light c) Platinum catalyst Select which of the following will react with no in methylbenzene-		
Den(x)	a) CH3Cl in the presence of AlCl3 c) CH3COCl in the presence of AlCl3 Phenol on distillation with zinc dust gives a) Phenylzinc c) Cyclohexanone	b) Chlorin in the presence of uv light d) Hydrogen in the presence of nickel	
(xi	a) Phenylzinc c) Cyclohexanone Select the correct option. Use of saccharin:	b) Benzene d) Benzoic acid	
	Sweetening agent Flavoring agent Select the correct option-Benzene having the	b) Bitter tonic d) Colouring agent formula	
(xii	a) C10H10 c) C6H6 ii) Select the correct option-Bromine reacts wit	b) C4H4 d) C6H12 h benzene to form	
(xi	a) bromo benzene c) meta benzene v) Select the correct option- The C-H bond of B		
(x	a) s-s electrons c) sp-sp electrons v) Choose which amine is not soluble in water-		
(xv	a) Methylamine c) Dimethylamine vi) Choose the correct option. Boiling point of p	b) Trimethylamine d) All are soluble in water henol is	
(xv	a) 420 C c) 1820 C iii) Choose the correct option. Para amino benz	b) 1000 C d) 00 C oic acid have	
	a) Vitamin Activity c) Aspirin iii) Choose the correct option. Rancid butter is a	b) Vinegar d) Goat acid	
	a) Butyric acid c) caproic acid ix) Choose the correct option. Rancidity of fat is	b) malic axid d) Tartaric acid	
	a) Hydrolysis of ester bond c) Addition of halogen (x) Storage form of lipid in plants and animals	b) Hydrogenation of unsaturated bond d) Substitution Reaction	
	a) Triglycerol c) Cholic Acid	b) Cholesterol d) Phospholipid	
		oup-B r Type Questions)	5 x 7=35
 Describe the structure, preparation and uses of Chloramine. Explain the significance & principle involved in determination of RM value? Explain about phenol and Discuss their nomenclature and physical properties. Describe structure and uses of Saccharin Explain the significance of RM value to analyze Fats or oils. Explain any two chain Opening reactions of Cycloalkane. 			(5) (5) (5) (5) (5) (5)