INDEX

Terms	Page No.	Terms	Page No.
Achiral	306	Baeyers' reagent	370
Acidity of alcohols	335	Bakelite	436, 440
Acidity of phenols	336	Barbiturates	453
Active site	448	Benzylic alcohols	325
Acylation	400	Benzylic halides	290, 304
Addition polymers	435	Biodegradable polymers	443
Adduct	331	Biomolecules	41]
Alcohols	323, 325, 329	Branched chain polymers	434
Aldehydes	357, 358, 361	Broad spectrum antibiotics	455
Aldol condensation	371	Buna - N	436, 443
Aldol reaction	371	Buna - S	435
Aldopentose	420	Cannizzaro reaction	372
Alkanamines	390, 398	Carbocation	304, 309
Alkenes	295	Carbohydrates	381
Alkyl halides	289, 290	Carboxylic acids	357, 376
Alkylation	400	Carbylamine reaction	401
Alkylbenzenes	376	Catalytic action of enzymes	448
Alkynes	362	Cationic detergents	460
Allosteric site	449	Cellulose	419
Allylic alcohols	324	Chain initiating step	437
Allylic halides	290	Chain propagating step	437
Ambident nucleophiles	300	Chain terminating step	437
Amines	389	Chemical messengers	450
Amino acids	420	Chemotherapy	447
Ammonolysis	392	Chirality	307, 308
Amylopectin	418	Cleansing agents	458
Amylose	418	Clemmensen reduction	368
Analgesics	452	Competitive inhibitors	449
Anhydrides	377	Condensation polymers	435
Animal starch	419	Copolymerisation	441
Anionic detergents	460	Copolymers	435
Anomers	416	Cross aldol condensation	372
Antacids	451	Cross linked polymers	434
Antibiotics	453	Cumene	332
Antidepressant drugs	452	Cyclic structure	415
Antifertility drugs	456	DDT	318
Antihistamines	451	Dehydrogenation	339
Antimicrobial drugs	454	Denaturation	344
Antipyretic	453	Denaturation of protein	424
Antiseptics	454, 456	Deoxyribonucleic acid	427
Aromatic ring	325	Deoxyribose	420
Artificial sweetening agents	457	Detergents	458
Aryl halides	291	Dextrorotatory	305
Arylamines	391, 399	Diazonium salt	295, 295
Aspirin	453	Diazonium salts	404
Asymmetric carbon	306	Diazotisation	404
Azo dyes	378	Disaccharides	412, 417
Bactericidal	455	Disinfectants	454, 456
Bacteriostatic	455	Drug - enzyme interaction	449
			469 Index

2019-20

Terms	Page	No.	Terms	Page	No.
Drug - target interaction		448	Histamines		451
Drugs		447	Hoffmann bromamide reaction		394
Elastomers		435	Hydroboration		330
Electron donating group		380	Hyperacidity		451
Electron withdrawing group		380	Intermolecular bonding		341
Electrophilic aromatic substitution	341.	349	Intramolecular bonding		341
Electrophilic substitution		314	Inversion of configuration		301
Electrostatic forces		423	Invert sugar		417
Elimination reaction		299	Ketones	357, 360,	361
Emulsifiers		457	Kolbe electrolysis	, ,	383
Enantiomers	305.	307	Kolbe's reaction		342
Environmental pollution	,	462	Lactose		418
Enzyme inhibitors		449	Laevorotatory		305
Enzymes		425	Laundry soaps		459
Esterification		337	Lewis bases		407
Esters		330	Limited spectrum antibiotics		455
Etard reaction		363	Linear polymers		434
	3, 325,		Low density polythene		437
Fat soluble vitamins	-,,	426	Lucas test		338
Fatty acids		374	Maltase		425
Fehling's test		369	Maltose		417
Fibres		436	Markovnikov's rule	329,	
Fibrous proteins		422	Medicated soaps	0_0,	459
Finkelstein reaction		297	Medicines		447
Fittig reaction		316	Melamine - formaldehyde polymer		439
Free radical		294	Messenger - RNA		429
Free radical mechanism		437	Molecular asymmetry		305
Freon refrigerant		318	Molecular targets		448
Friedel-Crafts reaction	315,		Monosaccharides		412
Fructose		416	Narrow spectrum antibiotics		455
Furanose		416	Natural polymers		434
Gabriel phthalimide synthesis		394	Natural rubber		441
Gatterman - Koch reaction		363	Neoprene	436,	442
Gatterman reaction		405	Network polymers		434
Geminal halides	292,	293	Nitration		403
Globular proteins		423	Nomenclature		291
Gluconic acid		413	Non-biodegradable		462
Glucose		414	Non-ionic detergents		460
Glyceraldehyde		415	Non-narcotic analgesics		453
Glycogen		419	Novolac		439
Glycosidic linkage	417,	418	Nucleic acids		427
Grignard reagent		310	Nucleophilic substitution		299
Haloalkane	289,	299	Nucleosides		428
Haloarene		332	Nucleotides		427
Halogenation		349	Nylon 6		439
Haworth structures		416	Nylon 6, 6	433, 435,	439
Hell - Volhard Zelinsky reaction		383	Oligosaccharides		412
Hemiacetal		367	Optical isomerism		305
Heterocyclic compounds		427	Optically inactive		309
High density polythene		438	Organo-metallic compounds		310
Tingii delibity polythelie		100			

Chemistry 470

Terms	Page No.	Terms	Page No.
Ozonolysis	361	Sp^3 hybridised	389
Peptide bond	422	Starch	413
Peptide linkage	422	Stephen reaction	362
PHBV	443	Stereo centre	306
Phenols	323, 326	Structure - basicity relationship	398
Polarity	366	Structure of proteins	422
Polyacrylonitrile	437	Substitution nucleophilic bimolecu	ılar 301
Polyamides	438	Substitution nucleophilic unimole	
Polyesters	438	Sucrose	413, 417
Polyhydric compounds	324	Sulphonation	403
Polymerisation	433	Swarts reaction	297
Polymers	433	Sweeteners	457
Polysaccharides	412, 418	Synthetic detergents	459
Polythene	435, 437	Synthetic polymers	434
Preservatives	457, 458	Synthetic rubber	442
Propellants	317	Teflon	438
Proteins	420	Terylene	436
Protic solvents	304	Thermoplastic polymers	436
Pyranose structure	416	Thermosetting polymers	436
Racemic mixture	307	Toilet soaps	459
Racemisation	305	Tollens' test	369
Receptors	448	Tranquilizers	452
Reducing sugars	412	Transfer - RNA	429
Reimer - Tiemann reaction	343	Transparent soaps	459
Resins	436, 444	Trisaccharides	412
Ribose	420	van der Waal forces	298
Ribosomal - RNA	429	Vasodilator	451
Ring substitution	384	Vicinal halides	290, 291
Rochelle salt	369	Vinylic alcohol	325
Rosenmund reduction	362	Vinylic halides	291
Rubber	441	Vitamins	425, 426
Saccharic acid	414	Vulcanisation	442
Salvarsan	454	Water soluble vitamins	426
Sandmayer's reaction	296, 405	Williamson synthesis	345
Saponification	458	Wolff - Kishner reduction	369
Scouring soaps	459	Wurtz reaction	311
Semi - synthetic polymers	434	Wurtz-Fittig reaction	316
Shaving soaps	459	Ziegler - Natta catalyst	438
Soaps	458	Zwitter ion	422



Chemistry 472