

Contents

<i>The Team Behind</i>	v
<i>Preface</i>	vii
<i>Director's Message</i>	ix
<i>Special Features of the Book</i>	xi
<i>Detailed Table of Contents</i>	xvi
<i>Subject-wise cum Topic-wise Content List</i>	xxi
<i>Pictorial Worksheets</i>	xxxiii
<i>Extra Edge</i>	lxii

APPLIED MICROBIOLOGY AND INFECTION CONTROL & SAFETY

PART I Applied Microbiology

Chapter 1 Introduction to Microbiology	3–11
Conceptual Theory	3–4
Conceptual Exercises	4–10
Conceptual Revision	10–11

Chapter 2 General Characteristics of Microbes	12–36
Conceptual Theory	12–25
Conceptual Exercises	25–35
Conceptual Revision	35–36

Chapter 3 Pathogenic Organisms	37–129
Conceptual Theory	37–102
Conceptual Exercises	102–127
Conceptual Revision	128–129

Chapter 4 Immunity	130–153
Conceptual Theory	130–143
Conceptual Exercises	143–151
Conceptual Revision	152–153

PART II Infection Control & Safety

Chapter 5 Infection Control and Safety	154–212
Conceptual Theory	154–196
Conceptual Exercises	196–210
Conceptual Revision	211–212

PHARMACOLOGY

Chapter 1 Introduction to Pharmacology	215–224
Conceptual Theory	215–217
Conceptual Exercises	218–223
Conceptual Revision	223–224

Chapter 2 Pharmacology of Commonly Used Antiseptics and Disinfectants	225–230
Conceptual Theory	225–226
Conceptual Exercises	227–228
Conceptual Revision	229–230

Chapter 3 Drugs Acting on Gastrointestinal System	231–243
Conceptual Theory	231–234
Conceptual Exercises	234–242
Conceptual Revision	243–243

Chapter 4 Drugs Acting on Respiratory System	244–256
Conceptual Theory	244–247
Conceptual Exercises	247–254
Conceptual Revision	255–256

Chapter 5 Drugs Used in Treatment of Cardiovascular System and Blood Disorders	257–277
Conceptual Theory	257–265
Conceptual Exercises	265–275
Conceptual Revision	276–277

Chapter 6 Drugs Used in Treatment of Endocrine System Disorders	278–296
Conceptual Theory	278–282
Conceptual Exercises	283–294
Conceptual Revision	295–296

Chapter 7 Drugs Used in Treatment of Integumentary System	297–304
Conceptual Theory	297–299
Conceptual Exercises	299–302
Conceptual Revision	303–304

Chapter 8 Drugs Used in Treatment of Communicable Diseases (Common Infections and Infestations)	305–329
Conceptual Theory	305–314
Conceptual Exercises	314–328
Conceptual Revision	328–329

Chapter 9 Drugs Used in Disorders of Ear, Nose, Throat and Eye	330–338
Conceptual Theory	330–334
Conceptual Exercises	335–336
Conceptual Revision	336–338

Chapter 10 Drugs Acting on Urinary System	339–348
Conceptual Theory	339–342
Conceptual Exercises	343–346
Conceptual Revision	347–348

Chapter 11	Drugs Acting on Nervous System	349–371	Chapter 4	Hematological Test for the Diagnosis of Blood Disorders	510–522
	Conceptual Theory	349–359		Conceptual Theory	510–513
	Conceptual Exercises	359–369		Conceptual Exercises	514–521
	Conceptual Revision	369–371		Conceptual Revision	521–522
Chapter 12	Drugs Used for Hormonal Disorders and Supplementation, Contraception and Medical Termination of Pregnancy	372–379	Chapter 5	Clinical Pathology	523–533
	Conceptual Theory	372–374		Conceptual Theory	523–528
	Conceptual Exercises	375–378		Conceptual Exercises	528–532
	Conceptual Revision	379–379		Conceptual Revision	532–533
Chapter 13	Drugs Used for Pregnant Women During Antenatal, Labor and Postnatal Period	380–386	PART II	Genetics	
	Conceptual Theory	380–382		Chapter 6	Genetics
	Conceptual Exercises	382–385		Conceptual Theory	534–556
	Conceptual Revision	386–386		Conceptual Exercises	556–567
				Conceptual Revision	567–570
Chapter 14	Miscellaneous Topics	387–398	ADULT HEALTH NURSING		
	Conceptual Theory	387–393	PART I	Adult Health Nursing-I	
	Conceptual Exercises	393–397		Chapter 1	Introduction
	Conceptual Revision	398–398		Conceptual Theory	573–583
Chapter 15	Introduction to Drugs Used in Alternative Systems of Medicine	399–404		Conceptual Exercises	576–581
	Conceptual Theory	399–401		Conceptual Revision	582–583
	Conceptual Exercises	401–403	Chapter 2	Intraoperative Nursing	584–605
	Conceptual Revision	404–404		Conceptual Theory	584–596
Chapter 16	Fundamental Principles of Prescribing	405–411		Conceptual Exercises	597–603
	Conceptual Theory	405–408		Conceptual Revision	604–605
	Conceptual Exercises	408–410	Chapter 3	Nursing Care of Patients with Common Signs and Symptoms and Management	606–625
	Conceptual Revision	410–411		Conceptual Theory	606–614
				Conceptual Exercises	615–623
				Conceptual Revision	624–625
			Chapter 4	Nursing Management of Patient with Respiratory System Disorders	626–654
				Conceptual Theory	626–631
				Conceptual Exercises	631–651
				Conceptual Revision	652–654
			Chapter 5	Nursing Management of Patients with Disorders of Digestive System	655–691
				Conceptual Theory	655–663
				Conceptual Exercises	663–690
				Conceptual Revision	690–691
			Chapter 6	Nursing Management of Patients with Cardiovascular Problems	692–733
				Conceptual Theory	692–697
				Conceptual Exercises	698–731
				Conceptual Revision	732–733

PATHOLOGY AND GENETICS

PART I Pathology

Chapter 1	Introduction to Pathology	415–436
	Conceptual Theory	415–421
	Conceptual Exercises	422–434
	Conceptual Revision	435–436
Chapter 2	Systemic Pathology (Part-A) Respiratory System, Cardiovascular System, Gastrointestinal Tract, Liver, Gallbladder and Pancreas, Skeletal System, Endocrine System	437–481
	Conceptual Theory	437–458
	Conceptual Exercises	459–478
	Conceptual Revision	479–481
Chapter 3	Systemic Pathology (Part-B) Kidney and Urinary Tract, Female Genital System, Male Genital System, Breast, Central Nervous System	482–509
	Conceptual Theory	482–498
	Conceptual Exercises	498–507
	Conceptual Revision	508–509

Chapter 7	Nursing Management of Patients with Disorders of Blood	734–748	Chapter 16	Nursing Management of Patient with Burns, Reconstructive and Cosmetic Surgery	895–910
	Conceptual Theory	734–739		Conceptual Theory	895–899
	Conceptual Exercises	739–747		Conceptual Exercises	899–908
	Conceptual Revision	747–748		Conceptual Revision	909–910
Chapter 8	Nursing Management of Patients with Disorders of Endocrine System	749–771	Chapter 17	Nursing Management of Patient with Neurological Disorders	911–945
	Conceptual Theory	749–755		Conceptual Theory	911–921
	Conceptual Exercises	755–769		Conceptual Exercises	921–943
	Conceptual Revision	770–771		Conceptual Revision	944–945
Chapter 9	Nursing Management of Patients with Disorders of Integumentary System	772–788	Chapter 18	Nursing Management of Patient with Immunological Problems	946–956
	Conceptual Theory	772–776		Conceptual Theory	946–948
	Conceptual Exercises	776–786		Conceptual Exercises	948–955
	Conceptual Revision	787–788		Conceptual Revision	955–956
Chapter 10	Nursing Management of Patients with Musculoskeletal Problems	789–806	Chapter 19	Nursing Management of Patient with Oncological Conditions	957–979
	Conceptual Theory	789–793		Conceptual Theory	957–961
	Conceptual Exercises	793–804		Conceptual Exercises	961–978
	Conceptual Revision	804–806		Conceptual Revision	978–979
Chapter 11	Nursing Management of Patients with Communicable Diseases	807–830	Chapter 20	Nursing Management of Patient in Emergency and Disaster Situations	980–989
	Conceptual Theory	807–811		Conceptual Theory	980–983
	Conceptual Exercises	811–828		Conceptual Exercises	983–987
	Conceptual Revision	828–830		Conceptual Revision	987–989
PART II	Adult Health Nursing-II		Chapter 21	Nursing Care of the Elderly	990–1000
Chapter 12	Nursing Management of Patient with Disorders of Ear, Nose and Throat	831–846		Conceptual Theory	990–995
	Conceptual Theory	831–834		Conceptual Exercises	995–999
	Conceptual Exercises	834–845		Conceptual Revision	999–1000
	Conceptual Revision	845–846	Chapter 22	Nursing Management of Patient in Critical Care Unit	1001–1013
Chapter 13	Nursing Management of Patient with Disorder of Eye	847–858		Conceptual Theory	1001–1008
	Conceptual Theory	847–850		Conceptual Exercises	1008–1012
	Conceptual Exercises	851–857		Conceptual Revision	1012–1013
	Conceptual Revision	857–858	Chapter 23	Nursing Management of Patients with Occupational and Industrial Disorders	1014–1019
Chapter 14	Nursing Management of Patient with Kidney and Urinary Problems	859–884		Conceptual Theory	1014–1015
	Conceptual Theory	859–862		Conceptual Exercises	1015–1018
	Conceptual Exercises	862–883		Conceptual Revision	1018–1019
	Conceptual Revision	883–884		Nursing Care Plan	1020–1034
Chapter 15	Nursing Management of Disorders of Male Reproductive System	885–894			
	Conceptual Theory	885–887			
	Conceptual Exercises	887–893			
	Conceptual Revision	893–894			