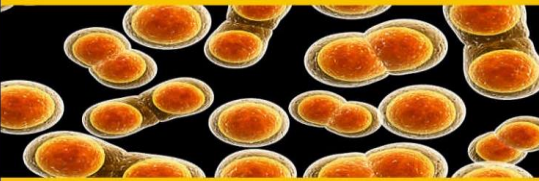


# Essentials of MICROBIOLOGY



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**Kripa Drishti Publications, Pune.**

# ESSENTIALS OF MICROBIOLOGY

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**Kripa-Drishti Publications, Pune.**

Book Title: **Essentials of Microbiology**

Authored By: **Dr. Gudepu Renuka, Dr. Tanmay Ghosh**

**Price: ₹799**

1<sup>st</sup> Edition

ISBN: **978-81-19149-86-5**



Published: **Nov 2023**

**Publisher:**



**Kripa-Drishti Publications**

A/ 503, Poorva Height, SNO 148/1A/1/1A,  
Sus Road, Pashan- 411021, Pune, Maharashtra, India.

Mob: +91-8007068686

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Web: <https://www.kdpublications.in>

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## **PREFACE**

Microbiology is a very broad field that includes topics as varied as pathogenic bacteriology, food and industrial microbiology, genetics, biochemistry, taxonomy, and ecology. A microbiologist needs to be knowledgeable about a wide range of biological fields as well as the five main categories of microorganisms: algae, viruses, bacteria, fungi, and protozoa. Balance is crucial. Before focusing on the sections that most interest them, students who are new to the subject need to be introduced to the entire topic. For a range of students, this text offers a fair introduction to all the main fields of microbiology. This balance makes the book appropriate for microbiology courses that cover everything from basic to medical and applied microbiology. Students preparing for careers in medicine, dentistry, nursing, and allied health professions will find the text just as useful as those aiming for careers in research, teaching, and industry.

**Essentials of Microbiology** is a comprehensive introductory text aimed at students taking a course in the subject. It covers every facet of microbiology, first outlining the composition and roles of microorganisms before addressing their role in the living world. The book's second half is devoted to applied topics like industrial microbiology, genetic engineering, and microorganism control.

A comprehensive reference to all facets of microbiology, including immunology, bacteriology, virology, medical mycology, diagnostic medical microbiology, and numerous other infections, this book is geared towards *Essentials of Microbiology*.

The basic concepts of microbiology are explained in the various chapters, with wound care serving as the primary example for the most part. However, additional examples are also provided to highlight specific principles in order to guarantee complete comprehension. Each chapter's goals are outlined, and throughout the chapter, noteworthy details and essential points are emphasised.

The academicians, who are all experts in their respective fields, have penned their chapters to assist you in comprehending the complete significance of wound care and microbiology.

# INDEX

<b>Unit-I: General Bacteriology.....</b>	<b>1</b>
1.1 Historical Development of Microbiology: .....	1
1.2 Microscopy:.....	5
1.2.1 Image Formation in a Thin Lens:.....	5
1.2.2 Compound Microscope:.....	10
1.2.3 Bright Field Microscopy: .....	13
1.2.4 Fluorescence Microscopy: .....	15
1.3 Morphology of a Bacteria Cell: .....	16
1.3.1 Size of Bacteria: .....	16
1.3.2 Different Shapes of Bacteria:.....	16
1.4: Physiology of Bacteria: .....	22
1.4.1 Structure and Function: .....	22
1.4.2 Cell Organization: .....	22
1.5 Sterilization and Disinfection: .....	25
1.5.1 Classification of Materials to be Sterilized / Disinfected: .....	25
1.5.2 Methods of Sterilization:.....	26
1.5.3 Heat Sterilization: .....	27
1.5.4 Gaseous Sterilization: .....	30
1.5.5 Liquid Sterilization: .....	31
1.5.6 Chemical Methods of Disinfection: .....	32
1.6 Culture Media:.....	35
1.6.1 Types of Culture Media: .....	35
1.7 Culture Methods:.....	38
1.8 Identification of Bacteria:.....	40
1.9 Bacterial of Taxonomy:.....	44
1.9.1 Meaning of Bacterial Taxonomy: .....	44
1.9.2 Importance of Bacterial Taxonomy: .....	44
1.9.3 Ranks or Levels of Bacterial Taxonomy: .....	45
1.9.4 Characteristics Used in Bacterial Taxonomy:.....	46
1.10 Bacterial Genetics: .....	51
1.10.1 Structure of DNA:.....	51
1.11 Infection: .....	52
1.11.1 Types of infection: .....	53
<b>Unit-II: Immunology .....</b>	<b>57</b>
2.1 Immunity: .....	57
2.1.1 Types of Immunity:.....	57
2.2 Antigens: .....	61
2.2.1 Properties of Antigens: .....	62
2.2.2 Types of Antigens:.....	62

2.2.3 Structure of Antigens: .....	63
2.3 Antibodies- Immunoglobulin's:.....	63
2.3.1 Antibody Structure: .....	64
2.3.2 Types of Antibodies: .....	64
2.3.3 Functions of Antibody: .....	66
2.3.4 Production and Mechanism of Antibody: .....	66
2.4 Complement System:.....	67
2.5 Structures and Functions of the Immune System: .....	70
2.5.1 Structure: .....	70
2.5.2 Functions of the Immune System:.....	72
2.6 Immune Response:.....	72
2.6.1 Innate Immunity: .....	74
2.7 Immunodeficiency Diseases: .....	75
2.7.1 Affected Component: .....	77
2.8 Hypersensitivity Reactions: .....	77
2.9 Autoimmunity:.....	79
2.10 Immunology of Transplantation and Malignancy: .....	81
2.10.1 Transplant Immunology: .....	81
2.10.2 Immunology of Transplantation and Malignancy:.....	84
2.11 Immunohematology:.....	85
2.11.1 RBC Antigens and Antibodies:.....	87
2.11.2 Blood Groups – Immunohematology:.....	87

**Unit-III: Systematic Bacteriology ..... 90**

3.1 Introduction: .....	90
3.2 Staphylococcus: .....	92
3.3 Streptococcus and Enterococcus: .....	93
3.4 Pneumococcus (Diplococcus pneumonia: Streptococcus pneumonia) .....	96
3.5 Neisseria and Moraxella: .....	97
3.6 Corynebacterium: .....	98
3.7 Bacillus: .....	99
3.8 Clostridium: .....	100
3.9 Non-sporing Anaerobes:.....	102
3.9.1 Classification of Non-Sporing Anaerobes: .....	102
3.10 Mycobacterium Tuberculosis: .....	103
3.11 Mycobacterium Lepae:.....	103
3.12 Nontuberculous Mycobacteria:.....	104
3.13 Actinomycetes: .....	105
3.14 Enterobacteriaceae: Escherichia, Klebsiella, Proteus and Other Genera: .....	106
3.14.1 Enterobacteriaceae Classification: .....	107
3.15 Tribe Proteae: Proteus, Morganella and Providencia: .....	108
3.16 Shigella: .....	110
3.17 Enterobacteriaceae III: Salmonella:.....	111
3.18 Vibrio, Aeromonas and Plesiomonas: .....	112
3.19 Campylobacter and Helicobacter:.....	115
3.20 Pseudomonas, Stenotropomonas, Burkholderia: .....	117
3.21 Legionella: .....	119

3.22 Yersinia, Pasturella, Francisella: .....	120
3.23 Haemophilus:.....	122
3.24 Bordetella: .....	123
3.25 Brucella: .....	124
3.26 Spirochetes: .....	124
3.27 Mycoplasma and Ureaplasma: .....	126
3.28 Miscellaneous Bacteria:.....	127
3.29 Ricktsiaceae, Bartonellaceae and Coxiella:.....	127
3.30 Chlamydia and Chlamydia: .....	130

**Unit-IV: Virology .....131**

4.1 Virology: .....	131
4.2 General Properties of Viruses:.....	132
4.2.1 Viruses: .....	132
4.2.2 Properties of Viruses:.....	133
4.3 Virus- Host Interactions: Viral Infections: .....	136
4.4 Laboratory Diagnosis, Prophylaxis and Chemotherapy of Viral Diseases .....	138
4.4.1 Laboratory Diagnosis of Viral Diseases: .....	138
4.4.2 Prophylaxis and Chemotherapy of Viral Diseases:.....	141
4.5 Bacteriophage .....	141
4.6 Poxvirus:.....	145
4.7 Herpes viruses .....	146
4.8 Adenoviruses: .....	147
4.9 Papovaviruses:.....	149
4.10 Parvoviruses: .....	150
4.11 Picornaviruses .....	151
4.12 Orthomyxoviruses .....	151
4.13 Paramyxoviruses: .....	152
4.14 Arboviruses: .....	153
4.15 Rhabdoviruses: .....	154
4.16 Hepatitis Viruses: .....	154
4.17 Retroviruses:.....	157
4.18 Slow Virus and Prion Diseases: .....	159
4.19 Oncogenic viruses: .....	162
4.20 Miscellaneous Viruses:.....	163
4.20.1 Miscellaneous Viruses are: .....	164

**Unit-V: Medical Mycology .....165**

5.1 Introduction: .....	165
5.2 General Properties, Classification and Laboratory and Diagnosis of Fungi: .....	166
5.2.1 General Properties of Fungi:.....	167
5.2.2 Classification of Fungi:.....	168
5.2.3 Laboratory and Diagnosis of Fungi: .....	172
5.3 Superficial Cutaneous and Subcutaneous Mycoses: .....	174
5.3.1 Superficial Cutaneous Mycoses:.....	174
5.3.2 Subcutaneous Mycoses: .....	175

5.4 Systematic Mycoses: .....	176
5.5 Opportunistic Mycoses: .....	178
5.6 Mycotoxicosi: .....	179

**Unit-VI: Miscellaneous..... 181**

6.1 Normally Microbial Flora of the Human Body: .....	181
6.1.1 Characteristics of the Normal Flora: .....	181
6.1.2 Distribution and Occurrence of the Normal Flora: .....	182
6.2 Infective Syndrome:.....	186
6.2.1 Types of infectious diseases:.....	187
6.2.2 Causes of Infectious diseases: .....	188
6.3 Hospital- Acquired Infection: .....	190
6.3.1 Respiratory Tract Infections (Pneumonia): .....	191
6.4 Laboratory Control of Antimicrobial Therapy: .....	193
6.5 Antimicrobial Chemotherapy: .....	195
6.6 Immunoprophylaxis:.....	197
6.7 Bacteriology of Water, Milk and Air:.....	197
6.7.1 Bacteriology of Water: .....	197
6.7.2 Bacteriology of Milk: .....	198
6.7.3 Bacteriology of Air: .....	200
6.8 Hospital Waste Management: .....	201
6.8.1 Effects of Biomedical Waste:.....	202
6.9 Vectors:.....	203
6.9.1 Vectors: .....	203
6.9.2 Characteristics or features of vectors: .....	204
6.10 Emerging and Re- emerging Infectious Diseases: .....	205

**Unit-VII: Diagnostic Medical Microbiology ..... 208**

7.1 Molecular Detection of Microorganisms:.....	208
7.2 Staining Methods: .....	209
7.2.1 Staining: .....	209
7.2.2 Types: .....	212
7.3 Practical Microbiology: .....	214
7.3.1 Work in a Microbiological Laboratory: .....	214
7.3.2 Behavior and work in a microbiological laboratory: .....	216
7.4 Practical Microbiology for MBBS Students:.....	217

**References: ..... 218**



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**KRIPA DRISHTI  
PUBLICATIONS**

**Kripa-Drishti Publications**

A-503 Poorva Heights, Pashan-Sus Road, Near Sai Chowk,

Pune - 411021, Maharashtra, India.

Mob: +91 8007068686

Email: editor@kdpublishations.in

Web: <https://www.kdpublishations.in>

Price: ₹ 799

ISBN: 978-81-19149-86-5



9 788119 149865