

CONTENTS

CHAPTER	PAGE
I. INTRODUCTORY	1
II. OBSERVATION AND CLASSIFICATION OF BACTERIA	12
III. BACTERIAL INFECTION AND BODILY DEFENCE REACTIONS	32
IV. RESISTANCE TO INFECTION : IMMUNITY	48
V. EXTERNAL FACTORS AND RESISTANCE	56
VI. ANTIGEN-ANTIBODY REACTIONS : SEROLOGICAL TESTS	65
VII. HYPERSENSITIVENESS : ANAPHYLAXIS : ALLERGY	88
VIII. THE CONVEYANCE OF INFECTION	100
IX. INFECTIOUS DISEASE MANAGEMENT	110
X. DISINFECTION AND ANTISEPTICS	117
XI. STREPTOCOCCAL INFECTIONS	131
XII. PNEUMOCOCCAL INFECTIONS	152
XIII. STAPHYLOCOCCAL INFECTIONS	162
XIV. MENINGOCOCCAL AND GONOCOCCAL INFECTIONS	169
XV. DIPHTHERITIC INFECTIONS	182
XVI. COLIFORM AND ENTERIC INFECTIONS	197
XVII. BACILLARY DYSENTERY : SUMMER DIARRHŒA	218
XVIII. TUBERCULOSIS AND LEPROSY	230
XIX. ACTINOMYCOSIS	249

XX.	INFECTION BY SPORE-BEARING ANAEROBES	255
XXI.	ANTHRAX	275
XXII.	INFECTIONS BY HBMOPHILIC BACILLI	283
XXIII.	BRUCELLA INFECTIONS : UNDULANT FEVER	291
XXIV.	FRIEDLÄNDER'S, PYOCYANEUS, PROTEUS AND LACTO-BACILLI	300
XXV.	PLAGUE : PASTEURELLA INFECTIONS	308
XXVI.	GLANDERS : PFEIFFERELLA INFECTIONS	314
XXVII.	CHOLERA : VIBRIO INFECTIONS	318
XXVIII.	SPIROCHETAL INFECTIONS	324
XXIX.	TYPHUS AND TRENCH FEVER : RICKETTSIÆ	345
XXX.	VIRUS INFECTIONS: CHARACTER AND CLASSIFICATION	349
XXXI.	VIRUS INFECTIONS WITH CUTANEOUS MANIFESTATIONS	360
XXXII.	VIRUS INFECTIONS CAUSING LESIONS OF THE CENTRAL NERVOUS SYSTEM OR CATARRHAL OR NEOPLASTIC CONDITIONS	371
XXXIII.	NORMAL BACTERIOLOGY	388

APPENDIX

THE COLLECTION OF BACTERIOLOGICAL SPECIMENS	400
ROUTINE STAINING METHODS	407
COMMONLY USED CULTURE MEDIA	410
ROUTINE SEROLOGICAL TESTS	412
BACTERIAL VACCINE PREPARATION	414
FUNGUS INFECTIONS	415