

Contents

Preface vii

PART I

INTRODUCTION TO BEHAVIORAL NEUROLOGY

- 1 Introduction and Historical Overview 3
- 2 The Science of Behavioral Neurology 9
- 3 Consciousness and the Brain 19
- 4 Bedside Mental Status Examination 25

PART II

FOCAL NEUROBEHAVIORAL SYNDROMES

- 5 Speech and Language Disorders 45
- 6 Alexias and Agraphias: Disorders of Reading and Writing 97
- 7 Apraxia 125
- 8 Agnosias 137
- 9 Disorders of the Right Hemisphere 159
- 10 Frontal Lobe Syndromes 179
- 11 Amnesias: Focal Syndromes of Memory Loss 207
- 12 Syndromes of the Corpus Callosum 233

PART III

**GENERALIZED, DIFFUSE, MULTIFOCAL, AND “PSYCHIATRIC”
DISORDERS**

- 13 Dementia and Aging 247**
- 14 Delirium and Acute Confusional States 307**
- 15 Psychosis 325**
- 16 Behavioral Aspects of Movement Disorders 341**
- 17 Emotion and the Brain 359**

PART IV

NEUROBEHAVIORAL ASPECTS OF SPECIFIC DISEASES

- 18 Cognitive Aspects of Multiple Sclerosis 377**
 - 19 Behavioral Aspects of Epilepsy 387**
 - 20 Behavioral Aspects of Traumatic Brain Injury 415**
 - 21 Neurorehabilitation and Recovery from Behavioral
Effects of Stroke 427**
- Index 445**