

# ***Contents***

Preface xi

Acknowledgements xiii

## **General Introduction**

Human Stress and Cognition: Problems of Definition, Analysis,  
and Integration  
*Vernon Hamilton* 3

## **Basic Mechanisms and Processes**

1. The Stress Concept and Some of its Implications  
*Hans Selye* 11
2. Physiological Aspects of Information Processing and Stress  
*David M. Warburton* 33
3. 'Personality' and Stress  
*Vernon Hamilton* 67
4. Current Paradigms and Models in Human Information Processing  
*Patrick Rabbitt* 115
5. Stress and the Cognitive Components of Skilled Performance  
*Robert Hockey* 141
6. Thought Processes, Consciousness, and Stress  
*George Mandler* 179

## **Coping Processes and Life Event Changes**

7. Recent Developments in Research on Life Stress  
*James H. Johnson and Irwin G. Sarason* 205
8. Psychological Response to Serious Life Events  
*Mardi J. Horowitz* 237
9. Cognitive Processes as Mediators of Stress and Coping  
*Susan Folkman, Catherine Schaefer and Richard S. Lazarus* 265

**Cognition and Stress in the Working Environment**

- |   |     |
|---|-----|
| 10. Stress and Cognition in Organizations<br><i>Roy L. Payne</i>              | 301 |
| 11. Stress, Work, and Productivity<br><i>Walter Rohmert and Holger Luczak</i> | 339 |

**Stress Vulnerability in Psychopathology**

- |   |     |
|---|-----|
| 12. Information Processing Aspects of Neurotic Anxiety and the Schizophrenias<br><i>Vernon Hamilton</i> | 383 |
| 13. Physiological Aspects of Anxiety and Schizophrenia<br><i>David M. Warburton</i>                     | 431 |

**Concluding Remarks**

- |   |     |
|---|-----|
| Stress and the Processing of Information<br><i>David M. Warburton</i> | 469 |
| Author Index  | 477 |
| Subject Index   | 493 |