

TABLE OF CONTENTS

| | |
|---|-----|
| PREAMBLE | i |
| CHAPTER 1: BEHAVIOURAL SCIENCES | 1 |
| 1:10 Psychiatry | 1 |
| 1:20 Psychology | 7 |
| 1:30 Clinical Therapist | 11 |
| CHAPTER 2: DIGITAL FORENSICS | 13 |
| 2:10 Cell Phones | 13 |
| 2:20 Cell Sites | 16 |
| 2:30 Video and Photographs | 17 |
| 2:40 Computers | 22 |
| CHAPTER 3: FINANCE | 29 |
| 3:10 Accounting | 29 |
| 3:20 Banking | 35 |
| 3:30 Fraud and Forgery | 38 |
| 3:40 Valuations | 38 |
| 3:50 Proceeds of Crime and Money Laundering | 40 |
| CHAPTER 4: HUMAN SCIENCES | 43 |
| 4:10 Domestic Violence | 43 |
| 4:20 Drugs Trade | 44 |
| 4:30 Gangs and Slang | 71 |
| 4:40 Human Smuggling and Trafficking | 74 |
| 4:50 Identification | 77 |
| 4:60 K9 | 81 |
| 4:70 Kinesiology | 87 |
| 4:80 Linguistics | 88 |
| 4:90 Sociology | 91 |
| 4:100 Use of Force | 93 |
| 4:110 Victimology | 101 |
| 4:120 Religion | 103 |
| CHAPTER 5: MEDICINE | 107 |
| 5:10 Cardiology | 107 |
| 5:20 Infectious Diseases | 108 |
| 5:30 Medical Examiner | 114 |
| 5:40 Nurse Examiner | 115 |
| 5:50 Odontology | 116 |
| 5:60 Ophthalmology | 117 |
| 5:70 Pathology | 118 |
| 5:80 Veterinary Medicine | 128 |
| 5:90 Pediatrics | 133 |
| 5:100 Plastic Surgery | 137 |

MACK'S EXPERT EVIDENCE COMPENDIUM

| | | |
|---|------------------------------------|------------|
| 5:110 | Occupational Therapy..... | 138 |
| 5:120 | Sexual Assault Examiner | 139 |
| 5:130 | Nutrition | 142 |
| CHAPTER 6: PHYSICAL SCIENCES | | 145 |
| 6:10 | Anthropology | 145 |
| 6:20 | Arson | 146 |
| 6:30 | Blood Stain Pattern Analysis | 149 |
| 6:40 | Chemistry | 156 |
| 6:50 | DNA | 159 |
| 6:60 | Fingerprints | 175 |
| 6:70 | Firearms and GSR | 190 |
| 6:80 | Handwriting | 206 |
| 6:90 | Motor Vehicles and Vessels | 209 |
| 6:100 | Toxicology..... | 222 |
| 6:110 | Trace Evidence | 233 |
| 6:110:10 | Glass | 233 |
| 6:110:20 | Hair..... | 233 |
| 6:110:30 | Textiles..... | 234 |
| 6:120 | Environmental Science..... | 236 |
| 6:130 | Footwear Impressions..... | 237 |
| 6:140 | Toolmarks | 240 |
| 6:150 | Video Analysis..... | 241 |
| 6:160 | Collision Reconstruction..... | 243 |
| 6:170 | Scene Reconstruction..... | 248 |
| 6:180 | Electrician | 249 |
| 6:190 | Explosives..... | 249 |