CONTENTS

Preface and Acknowledgments, List of Maps, хi 1 INTRODUCTION. Sources, 5 Archaeological Sources, Papyrus Records and Writing Tablets, Epigraphic Records, 8 Sculpture, Diplomas, 17 Coins, 18 Literary Sources, 18 2 HISTORICAL BACKGROUND, Geopolitical Considerations, Demography, 48 Politics, Domestic and International, 50 Recurrent Themes in the Political Agenda of the Late Republic, Imperial Politics, 59 The Components of Roman Political Organization, Economy and Finance, Civil-Military Relations, 76 Value Systems, 3 THE ROMAN ARMY, 87 Origins, 87 The Army of the Roman Republic, Organizational Structure, The Legions, Elite or Special Units, 115 Guard Troops: The Praetorian Guard,

Guard Troops: The Equites Singulares,

Troops in Rome: The Urban Cohorts and the Vigiles,

The Auxiliary Units, 120

Camel Riders (Dromedarii),

The National Numeri,

Officers, 124

> Senatorial Officers, 125

Equestrian Officers, 128

Camp Prefect,

Primus Pilus, 130

Centurions, 130

Other Ranks, 131

Recruitment, 131

Training and Indoctrination, 133

Promotion, 137

4 CULTURE OF THE ROMAN ARMY. 141

Physiognomy, 141

Ethnic and Racial Composition, 141

Legionaries, 142

Auxiliaries. 143

Women, 144

Morale and Discipline,

Military Justice System, 145

Punishments, 146

Desertion, 148

Leaves and Furloughs, 149

Traditions, 149

Unit Esprit de Corps,

Decorations and Medals, 150

Uniforms, 152

Military Music, 158

Holidays and Observances, 160

Veterans, 162

Pensions, 166

5 THE ROMAN ARMY AT WAR,

Doctrine and Strategy,

Forts and Frontiers, 178

Tactics and Operational Concepts, 186

Order of March,

312

Marching Camps and Temporary Camps, 190
Battle, 194
Planning and Staff Work, 198
Command and Control, 199
Combined Arms Operations, 204

6 TOOLS OF WAR, 209

Weaponry, 209 The Pilum, 209 The Lancea, 211 Bows and Arrows, 211 The Gladius, The Spatha, 212 The Pugio, 213 Artillery, 213 Slingshots and Stones, 217 Logistics and Transport, 217 Intelligence, Communications, 229 Military Medicine, 233 Technology, Cartography, 239

7 THE LATE ROMAN ARMY, 245

Political Developments, 245
Field Armies and Frontier Armies, 247
Command, 254
Officers and Men, 256
Weapons and Equipment, 260
Fortifications, 261

8 GREAT SOLDIERS AND BATTLES, 267

Famous Generals, 267

Generals of the Late Republic, 268

Imperial Generals, 290

Heroes from the Other Ranks, 302

Famous Battles and Campaigns, 307

Pharsalus, 48 BC, 308

Philippi, 42 BC, 309

Britain in AD 60: Suetonius Paullinus and the Defeat of Boudicca,

VIII CONTENTS

Britain in AD 83/84: Gnaeus Julius Agricola and Mons Graupius, 313 Trajan and the Dacian Campaigns, 315 Severus and the Eastern Campaigns, 318

9 CURRENT ASSESSMENT, 323

Major Problems in the Study of the Roman Army, 323 Further Directions of Research on the Roman Army, 326

Appendix, 331

Glossary, 335

Bibliography, 343

Index, 351

About the Author, 383