

**FORENSIC SCIENTIST III - IV  
(TOXICOLOGY/BLOOD ALCOHOL)  
Selection Process I.D. #  
6417-6418/0125**

**EXAMINATION PLAN**

Written Examination  
Multiple choice – 40 items  
Weight = Pass/Fail  
Pass = 70% or better  
Time Limit = 1 hour

CONTENT AREA	# OF ITEMS	PERCENTAGE
Principles of Toxicology (Drugs and Blood Alcohol)	40	100.0%
TOTAL	40	100.0%

**Reference Sources:**

Baselt, Randall, Robert Cravey, and Marshall Houts, *Courtroom Toxicology, 2<sup>nd</sup> Edition*, Matthew Bender, 1992

Baselt, Randall and Cravey, Robert, *Disposition of Toxic Drugs and Chemicals in Man, 4<sup>th</sup> Edition*, Chemical Toxicology Institute, 1995

Goodman Gilman, Alfred, Goodman, Louis S. and Gilman, Alfred, *Goodman and Gilman's The Pharmacological Basis of Therapeutics*, MacMillan Publishing Co., Inc, 1980

Karch, Steven B., *Drug Abuse Handbook*, CRC Press, 1998

Levine, Barry, *Principles of Forensic Toxicology*, American Association for Clinical Chemistry, 1999

McLafferty, F. W., *Interpretation of Mass Spectra, 2<sup>nd</sup> Edition*, The Benjamin/Cummings Publishing Company, Inc., 1973

McNair and Bonelli, E. J., *Basic Gas Chromatography, 5<sup>th</sup> Edition*, Varian Instrument Division, 1969

National Safety Council, *Alcohol and the Impaired Driver: A Manual on the Medicolegal Aspects of Chemical Tests for Intoxication with Supplement on Breath/Alcohol Tests*, 1976

Pierce, Alan E., *Silylation of Organic Compounds*, Pierce Chemical Company, 1968

Saferstein, Richard, *Forensic Science Handbook*, Prentice-Hall Inc., 1983 and Volume 2, 1988

**This examination consists of 40 multiple-choice questions, all are equally weighted.**