

## ASSOCIATE FORENSIC SCIENTIST

Selection Process I.D. #

6410/0317

### EXAMINATION PLAN

**I. APPLICATION ATTACHMENTS – *REQUIRED FOR CONSIDERATION***

Transcripts (official/unofficial)

Chemistry course list

**II. WRITTEN EXAMINATION**

Multiple choice 50 items

Pass = 70% or better

Time Limit = 2 hours

Top 35 to QAB

CONTENT AREA	# OF ITEMS	PERCENTAGE
1. Conversions	8	16
2. Definitions	5	10
3. General Chemistry	23	46
4. Instrumental Analysis	2	4
5. Organic Chemistry	<u>12</u>	<u>24</u>
TOTAL	50	100

**Reference Sources:**

Houk, Clifford C. and R. Post, *Chemistry Concepts and Problems, 2<sup>nd</sup> Ed.*, John Wiley and Sons, USA, 1996.

Mascetta, Joseph A., *Chemistry the Easy Way, Barron's Educational Series, 3<sup>rd</sup> Ed.*, USA, 1996.

Meislich, H., H. Nechamkin, J. Sharefkin, *Organic Chemistry, 2<sup>nd</sup> Ed.*, McGraw Hill, USA, 1991.

Zumdahl, Steven. S. and S. A. Zumdahl, *Chemistry, 7<sup>th</sup> Ed.*, Houghton Mifflin Co., Boston, 2007.

This examination consists of 50 multiple choice questions, all equally weighted.

**III. QUALIFICATIONS APPRAISAL BOARD (QAB)**

**Weight = 100%**

**Pass = 70% or better**

The QAB is an oral board exam. Unlike a job interview, the QAB is very structured with three board members taking turns asking you a set number of questions. The same questions are asked of each candidate participating in the QAB for the open position.