

**COMPUTER FORENSICS ANALYST  
Selection Process I.D. #2017/0820  
EXAMINATION PLAN**

**1. WRITTEN EXAMINATION - Top 10 passing scores to QAB**

Multiple choice - 50 items Weight = 40%	Pass = 70% Time Limit = 1 hour
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CONTENT AREA	# OF ITEMS	PERCENTAGE
Knowledge of Computer Systems and Forensic Techniques.	50	100%

**REFERENCE SOURCES:**

International Association of Computer Investigative Specialists, (IACIS) 2019 BCFE Training Manual.

<u>Windows File Systems-NTFS</u> , Pg. 16 <u>Fat File System</u> , Pg. 2, Pg. 31, Pg. 43 <u>Hashing and Hashsets</u> , Pgs. 2-5 <u>Numbering Systems</u> , Pg. 20 <u>Disk Structures</u> , Pg. 6, Pg. 36	<u>NTFS File System</u> , Pg. 6 <u>File Headers and Carving</u> , Pgs. 19-20 <u>First Responder and Crime Scene</u> , Pg. 4-5 <u>Windows Registry</u> , Pg. 17 <u>Operating System (OS) Boot Sequence</u> , Pg. 2
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National White Collar Crime Center (NW3C), Basic Data Forensic Imaging. (BDFI), PowerPoint Pgs. 3-8, Pg. 10

-NIJ Forensic Examination of Digital Evidence: A Guide for Law Enforcement- NCJ 199408, Pg. 12, Pg. 20.

<a href="https://www.nist.gov">https://www.nist.gov</a> <a href="https://www.watchingthenet.com">https://www.watchingthenet.com</a> <a href="https://www.forensicfocus.com">https://www.forensicfocus.com</a> <a href="https://leahycenterblog.champlain.edu">https://leahycenterblog.champlain.edu</a> <a href="https://www.sevenforums.com">https://www.sevenforums.com</a> <a href="https://countuponsecurity.com">https://countuponsecurity.com</a> <a href="https://technet.microsoft.com">https://technet.microsoft.com</a> <a href="https://www.ccexpert.us">https://www.ccexpert.us</a> <a href="https://www.onlinecomputertips.com">https://www.onlinecomputertips.com</a> <a href="https://networkencyclopedia.com">https://networkencyclopedia.com</a> <a href="https://study.com">https://study.com</a> <a href="https://developer.apple.com">https://developer.apple.com</a> <a href="https://www.sciencedirect.com">https://www.sciencedirect.com</a> <a href="https://www.ncjrs.gov/pdffiles1/nij/199408.pdf">https://www.ncjrs.gov/pdffiles1/nij/199408.pdf</a>	<a href="https://www.guidancesoftware.com">https://www.guidancesoftware.com</a> <a href="https://www.what-is-my-computer.com">https://www.what-is-my-computer.com</a> <a href="https://support.apple.com">https://support.apple.com</a> <a href="https://cyberforensicator.com">https://cyberforensicator.com</a> <a href="https://fileinfo.com">https://fileinfo.com</a> <a href="http://resources.infosecinstitute.com">http://resources.infosecinstitute.com</a> <a href="http://www.tabbloidx.co">http://www.tabbloidx.co</a> <a href="http://filext.com">http://filext.com</a> <a href="http://techgenix.com">http://techgenix.com</a> <a href="http://www.forensicsware.com">http://www.forensicsware.com</a> <a href="http://www.crucial.com/usa">http://www.crucial.com/usa</a> <a href="http://www.forensicsoft.com">http://www.forensicsoft.com</a> <a href="http://www.sno.phy.queensu.ca">http://www.sno.phy.queensu.ca</a> <a href="http://www.techrepublic.com">http://www.techrepublic.com</a>
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**This examination consists of 50 multiple choice questions; all are equally weighted.**

**2. Qualifications Appraisal Board (QAB)      Pass = 70%      Weight = 60%**

The QAB is an oral board examination. Unlike a job interview, the QAB is very structured with multiple board members taking turns asking applicants a set number of questions. The same questions are asked of each applicant participating in the QAB for the open position. Since this is an examination, applicants and panel members are not allowed to ask clarifying questions.