

CMIS 110 Computing Foundations & Ethics
Institutional Challenge Exam (ICE)
Liberty University Online

Test Content

- Ethics and crime
- computing history
- discrete mathematics
- computer architecture and organization
- algorithm design
- languages
- compilers
- operating systems
- applications
- networks
- databases
- intellectual property
- privacy
- free speech
- social consequences
- codes of conduct

Study Guide

Jessup, L. & Valacich, J. (2008). *Information systems today: Managing in the digital world*, 3rd edition. Upper Saddle River, New Jersey: Prentice Hall. ISBN: 0-132-33506-9.

Sample Questions

- 1) _____ is testing the overall system to see whether it meets design requirements.
 - a. Systems testing
 - b. Developmental testing
 - c. Beta testing
 - d. Alpha testing

- 2) Making enhancements to improve processing performance or interface usability, or adding desired but not necessarily required systems features is:
 - a. Corrective maintenance
 - b. Preventative maintenance
 - c. Perfective maintenance
 - d. Adaptive maintenance

- 3) The pricing scheme used by the company Priceline.com that allows customers to name their own price is a(n) _____ system.
 - a. Immediate pricing
 - b. Forward pricing
 - c. Reverse pricing
 - d. Menu-driven pricing

- 4) True or False: Push marketing is an advertising strategy that attempts to draw visitors to companies' Web sites.
- 5) True or False: Another term for electronic marketplace is a trading exchange.
- 6) _____ is the prevention of unauthorized access to a computer network by a firewall at the data packet level; data packets are accepted or rejected based on predefined rules.
 - a. Packet filtering
 - b. Application level control
 - c. Circuit-level control
 - d. Proxy server

Exam Details

The exam is offered online, through Blackboard. The test has 100 questions and there is a 60 minute time limit to complete the exam. The exam must be completed in one sitting.

Register for the Exam

Go to www.luonline.com/ice to register for the exam.