Proyecta 100,000
IST101-005 – Summer 2015 – Prof. Lynch
Lecture notes Name: _____

Chapter		Question	Answer
Ch.1 - Information Systems	1.	What are the five components that make up an information system?	1. _____ 2. _____ 3. _____ 4. _____ 5. _____
Ch.1 - Information Systems	2.	What are three examples of information system hardware?	1. _____ 2. _____ 3. _____
Ch.1 - Information Systems	3.	Microsoft Windows is an example of which component of information systems?	
Ch.1 - Information Systems	4.	What was invented first, the personal computer or the Internet (ARPANET)?	
Ch.1 - Information Systems	5.	Of the five primary components of an information system, which do you think is the most important to the success of a business organization?	

Chapter		Question	Answer
Ch. 2 - Hardware	6.	Explain why the personal computer is now considered a commodity.	
Ch. 2 - Hardware	7.	The CPU can also be thought of as the	_____ of the computer.
Ch. 2 - Hardware	8.	List the following in increasing order (slowest to fastest): megahertz, kilohertz, gigahertz.	1. _____ 2. _____ 3. _____
Ch. 2 - Hardware	9.	Name two differences between RAM and a hard disk.	1. 2.
Ch. 2 - Hardware	10.	Hardware can be input, output, processing, storage, or communication. Identify which hardware belongs to which group from the list.	Speakers _____ Hard disk _____ Modem _____ Scanner _____ Motherboard _____ Printer _____ CPU _____ Mouse _____ Router _____ DVD _____ RAM _____ Monitor _____ Keyboard _____ Microphone _____

Chapter		Question	Answer
Ch. 3 - Software	11.	What are the functions of the operating system?	
Ch. 3 - Software	12.	Which of the following are operating systems and which are applications:	Microsoft Excel, _____ Google Chrome, _____ iTunes, _____ Windows, _____ Android, _____ Angry Birds, _____
Ch. 3 - Software	13.	What is your favorite software application? What tasks does it help you accomplish?	
Ch. 3 - Software	14.	What is open-source software? How does it differ from closed-source software? Give an example of each.	

Chapter		Question	Answer
Ch. 4 - Data	15.	What is the difference between data, information, and knowledge?	
Ch. 4 - Data	16.	Explain in your own words how the data component relates to the hardware and software components of information systems.	
Ch. 4 - Data	17.	What is the difference between quantitative data and qualitative data? In what situations could the number 42 be considered qualitative data?	

Chapter		Question	Answer
Ch. 5 - Networking	18.	What were the first four locations hooked up to the Internet (ARPANET)?	1. _____ 2. _____ 3. _____ 4. _____
Ch. 5 - Networking	19.	Which came first, the Internet or the World Wide Web?	
Ch. 5 - Networking	20.	What makes a connection a broadband connection?	
Ch. 5 - Networking	21.	What does the term VoIP mean?	
Ch. 5 - Networking	22.	What is the difference between the Internet and the World Wide Web? Create at least three statements that identify the differences between the two.	1. _____ 2. _____ 3. _____

Chapter		Question	Answer
Ch. 6 – IS Security	23.	Briefly define each of the three members of the information security triad.	1. _____ 2. _____ 3. _____
Ch. 6 – IS Security	24.	What does the term authentication mean?	
Ch. 6 – IS Security	25.	What are the components of a good backup plan?	
Ch. 6 – IS Security	26.	What is a firewall?	
Ch. 6 – IS Security	27.	When was the last time you backed up your data? What method did you use?	

Chapter		Question	Answer
Ch. 9 – People in IT	28.	What are some of the different roles for a computer engineer?	
Ch. 9 – People in IT	29.	What are the duties of a computer operator?	
Ch. 9 – People in IT	30.	What does the CIO do?	
Ch. 9 – People in IT	31.	What are the five types of information-systems users?	1. _____ 2. _____ 3. _____ 4. _____ 5. _____
Ch. 9 – People in IT	32.	Which IT job would you like to have or do you have?	
Ch. 9 – People in IT	33.	Take a look at the five types of technology adopters. What type of IT user are you?	

Chapter		Question	Answer
Ch. 11 - Globalization	34.	What does the term globalization mean?	
Ch. 11 - Globalization	35.	What are some of the advantages brought about by globalization?	
Ch. 11 - Globalization	36.	What are the challenges of globalization?	
Ch. 11 - Globalization	37.	What does the term digital divide mean?	
Ch. 11 - Globalization	38.	What are Jakob Nielsen's three stages of the digital divide?	1. _____ 2. _____ 3. _____
Ch. 11 - Globalization	39.	Give one example of the digital divide and describe what you would do to address it when you get back home.	

Chapter		Question	Answer
Ch. 12 - Ethics	40.	What does the term information systems ethics mean?	
Ch. 12 - Ethics	41.	What does the term intellectual property mean? Give an example.	
Ch. 12 - Ethics	42.	What protections are provided by a copyright? How do you obtain one?	
Ch. 12 - Ethics	43.	What protections are provided by a patent? How do you obtain one?	
Ch. 12 - Ethics	44.	What does a trademark protect? How do you obtain one?	
Ch. 12 - Ethics	45.	How are intellectual property protections different across the world? Describing the differences between the patent and copyright protections offered in Mexico to those in the US.	