

Experiencing MIS, Cdn. Ed., 4e (Kroenke)
Chapter 1 Information Systems and You

1) MIS only matters to MIS majors and not to students in other business disciplines.

Answer: FALSE

Diff: 1 Type: TF Page Ref: 7

Topic: Q7

Skill: RECALL

2) Information systems are not created for the sheer joy of exploring technology.

Answer: TRUE

Diff: 1 Type: TF Page Ref: 7; 9

Topic: Q7

Skill: RECALL

3) You must be a technology wizard to achieve the company's goals and objectives using IT.

Answer: FALSE

Diff: 2 Type: TF Page Ref: 8

Topic: Q5

Skill: RECALL

4) Moore's Law can be expressed as "the speed of a computer chip doubles every 20 months."

Answer: TRUE

Diff: 1 Type: TF Page Ref: 14

Topic: Q6

Skill: RECALL

5) In the next decade unlimited storage will be almost free.

Answer: TRUE

Diff: 2 Type: TF Page Ref: 18

Topic: Q6

Skill: APPLIED

6) Google uses a function called "content extraction" for Gmail accounts to understand the content of users' e-mails.

Answer: TRUE

Diff: 2 Type: TF Page Ref: 17

Topic: Q1

Skill: RECALL

7) Information system is a group of components that interact to produce information.

Answer: TRUE

Diff: 1 Type: TF Page Ref: 10

Topic: Q1

Skill: RECALL

8) Information systems must include the use of a computer.

Answer: FALSE

Diff: 1 Type: TF Page Ref: 6

Topic: Q1

Skill: RECALL

9) According to Industry Canada, Canada's ICT industry has grown faster than the country's overall GDP since 2002.

Answer: TRUE

Diff: 1 Type: TF Page Ref: 12

Topic: Q4

Skill: RECALL

10) Information technology (IT) refers to methods, inventions, standards, and products.

Answer: TRUE

Diff: 1 Type: TF Page Ref: 10

Topic: Q1

Skill: RECALL

11) Most managers will get involved in purchasing computer hardware and building systems.

Answer: FALSE

Diff: 1 Type: TF Page Ref: 7

Topic: Q5

Skill: APPLIED

12) MIS stands for "Management Information Sciences."

Answer: FALSE

Diff: 1 Type: TF Page Ref: 3

Topic: Q1

Skill: RECALL

13) MIS is embedded in an IT system.

Answer: FALSE

Diff: 1 Type: TF Page Ref: 10

Topic: Q3

Skill: RECALL

14) Information systems are created to solve business needs.

Answer: TRUE

Diff: 1 Type: TF Page Ref: 7

Topic: Q2

Skill: APPLIED

15) Email is an example of an information system.

Answer: TRUE

Diff: 1 Type: TF Page Ref: 13

Topic: Q1

Skill: RECALL

16) To gain a competitive advantage it is important that one be an IT developer.

Answer: FALSE

Diff: 2 Type: TF Page Ref: 13 & 14

Topic: Q5

Skill: APPLIED

17) An important skill in business is to be able to identify opportunities for innovation through the use of information systems.

Answer: TRUE

Diff: 2 Type: TF Page Ref: 13 & 14

Topic: Q5

Skill: APPLIED

18) MIS is the development and use of information systems to help organizations accomplish their goals and objectives.

Answer: TRUE

Diff: 1 Type: TF Page Ref: 7

Topic: Q2

Skill: RECALL

19) Most innovative uses of IT have already been invented.

Answer: FALSE

Diff: 1 Type: TF Page Ref: VARIOUS IMPLIED

Topic: Q4

Skill: APPLIED

20) The decreasing price and increasing power of computer chips is one of the main drivers for improvements in information systems.

Answer: TRUE

Diff: 2 Type: TF Page Ref: 16

Topic: Q6

Skill: APPLIED

21) Moore's Law states that the number of circuits (Microprocessor Transistors) will double every four years.

Answer: FALSE

Diff: 2 Type: TF Page Ref: 15

Topic: Q6

Skill: RECALL

22) Understanding the implications of technological change allows for greater effectiveness of business professionals.

Answer: TRUE

Diff: 2 Type: TF Page Ref: 18

Topic: Q6

Skill: RECALL

23) A combination of business and technology skills can open a number of doors in the new Canadian economy.

Answer: TRUE

Diff: 2 Type: TF Page Ref: VARIOUS

Topic: Q6

Skill: APPLIED

24) This class is solely about learning how to use Excel and Access.

Answer: FALSE

Diff: 2 Type: TF Page Ref: 18

Topic: Q7

Skill: RECALL

25) According to "Outlook on Human Resources in the ICT Labour Market: 2008 - 2015" satisfactory communications and other business skills are important core skills for individuals looking for a career in this industry sector.

Answer: TRUE

Diff: 1 Type: TF Page Ref: 14

Topic: Q5

Skill: RECALL

26) You can maximize the value of this course by personalizing the material

Answer: TRUE

Diff: 2 Type: TF Page Ref: 22

Topic: Q7

Skill: RECALL

27) The basic premise of Moore's law is

A) IT makes people more efficient.

B) the density of transistors on a computer chip doubles roughly every 20 months.

C) people tend to want more information than they need.

D) IT makes people more productive.

E) computer memory is getting bigger.

Answer: B

Diff: 2 Type: MC Page Ref: 15

Topic: Q6

Skill: RECALL

28) Social Networking sites generate revenue through

- A) government subsidy.
- B) subscription fees.
- C) social networking sites do not generate revenue.
- D) advertising.
- E) corporate sponsorship.

Answer: D

Diff: 1 Type: MC Page Ref: 8

Topic: Q2

Skill: APPLIED

29) Which of the following is an example of a social networking site?

- A) YouTube
- B) Yahoo.ca
- C) Facebook.com
- D) Wikipedia
- E) Google.ca

Answer: C

Diff: 1 Type: MC Page Ref: 8

Topic: Q2

Skill: RECALL

30) Which of the following is NOT considered a function of a social networking site?

- A) A repository for personal profiles
- B) Video sharing
- C) Searching for new / unused books
- D) Indirect selling of products
- E) Searching for friends

Answer: C

Diff: 1 Type: MC Page Ref: 9

Topic: Q1

Skill: APPLIED

31) What is an Information System?

- A) An information system is a group of components that interact to produce information.
- B) Computer hardware and software
- C) Software development process
- D) A framework describing human computer interaction
- E) An information gathering application

Answer: A

Diff: 2 Type: MC Page Ref: 6

Topic: Q1

Skill: RECALL

32) How does IT differ from IS?

- A) IT costs money while IS doesn't.
- B) IT is a newer word for IS.
- C) IT refers to methods, invention, standards and products while IS is a system of hardware, software, data, procedures and people that produces information.
- D) IT and IS are the same.
- E) IT doesn't matter but IS does.

Answer: C

Diff: 2 Type: MC Page Ref: 10

Topic: Q3

Skill: APPLIED

33) Which of the following best describes the five-component framework of IS?

- A) Hardware, software, data, procedures, and people
- B) Networks, software, servers, programmers, and managers
- C) Applications, people, standards, budgets, and software
- D) Storage, processing, input, output, and control
- E) Applications, processes, processing, data, and standards

Answer: A

Diff: 2 Type: MC Page Ref: 7

Topic: Q1

Skill: RECALL

34) Information systems exists to help businesses to

- A) save money.
- B) better organize our lives.
- C) be more profitable.
- D) be more competitive.
- E) achieve goals and objectives.

Answer: E

Diff: 1 Type: MC Page Ref: 7

Topic: Q2

Skill: RECALL

35) As a business professional, one needs to look at information systems only through the lens of

- A) business need.
- B) technology.
- C) cost savings.
- D) software.
- E) business processes.

Answer: A

Diff: 2 Type: MC Page Ref: 14

Topic: Q5

Skill: APPLIED

36) Which of the following is the federal government agency responsible for categorizing industry sectors and collecting information about them?

- A) Industry Canada
- B) Bank of Canada
- C) Ministry of Finance
- D) Canada Revenue Agency
- E) Ministry of Defense

Answer: A

Diff: 1 Type: MC Page Ref: 11

Topic: Q4

Skill: RECALL

37) According to Industry Canada, the Canadian ICT sector in 2011 included over

- A) 23,000 companies.
- B) 33,000 companies.
- C) 40,000 companies.
- D) 10,000 companies.
- E) 28,000 companies.

Answer: B

Diff: 3 Type: MC Page Ref: 11

Topic: Q4

Skill: RECALL

38) According to Industry Canada, how much did the Canada's ICT sector add to the Canadian Gross Domestic Product in 2011?

- A) 67.2 billion
- B) 1.1 billion
- C) 27.6 billion
- D) 150.5 billion
- E) 125.0 billion

Answer: A

Diff: 2 Type: MC Page Ref: 11

Topic: Q4

Skill: RECALL

39) According to Industry Canada, the average annual growth rate in the Canadian ICT sector since 2007 has been around

- A) 6.2%.
- B) the GDP growth rate.
- C) 1.6%.
- D) 4.2%.
- E) 8.1%.

Answer: C

Diff: 3 Type: MC Page Ref: 10

Topic: Q4

Skill: RECALL

40) What was the approximate number of Canadian workers employed by the ICT sector in 2011 according to Industry Canada?

- A) 563,000
- B) 422,000
- C) 592,000
- D) 420,000
- E) 233,000

Answer: A

Diff: 2 Type: MC Page Ref: 12

Topic: Q4

Skill: RECALL

41) How much did the average Canadian ICT worker earned in 2011 according to Industry Canada?

- A) \$90,000
- B) \$19,000
- C) \$75,000
- D) \$68,000
- E) \$59,000

Answer: D

Diff: 2 Type: MC Page Ref: 12

Topic: Q4

Skill: RECALL

42) Which of the following segments of the ICT sector in Canada is responsible for the majority of this sectors revenue, according to Industry Canada?

- A) Software
- B) Manufacturing
- C) Services
- D) Export
- E) Hardware

Answer: C

Diff: 2 Type: MC Page Ref: 12

Topic: Q4

Skill: RECALL

43) Google uses Gmail's "content extraction" to

- A) track all the online activities of Gmail users.
- B) target advertising to Gmail users.
- C) sell advertising.
- D) find out the interests of Gmail users.
- E) track IP addresses.

Answer: B

Diff: 2 Type: MC Page Ref: 16

Topic: Q6

Skill: RECALL

44) Gordon Moore is one of the founders of

- A) Intel Corporation.
- B) Adobe Systems.
- C) Cisco Systems.
- D) Microsoft Corporation.
- E) National Semiconductors.

Answer: A

Diff: 1 Type: MC Page Ref: 15

Topic: Q6

Skill: RECALL

45) Moore's Law states that

- A) the complexity of the microprocessor will drop by 50% every 20 months.
- B) the number of transistors on a microprocessor doubles every 12 months.
- C) the price of a computer doubles every 12 months.
- D) the density of circuits on an integrated chip will double approximately every 2 years.
- E) the price of a microprocessor decreases by 50% every 20 months.

Answer: D

Diff: 1 Type: MC Page Ref: 14 & 15

Topic: Q6

Skill: RECALL

46) Which ratio has decreased over the years due to Moore's Law?

- A) Speed/reliability
- B) Price/performance
- C) Transistor/performance
- D) Price/Megahertz
- E) Cost/benefit

Answer: B

Diff: 2 Type: MC Page Ref: 15

Topic: Q6

Skill: RECALL

47) Which of the following will essentially be free within the next decade?

- A) Web sites
- B) Data storage
- C) Routers
- D) PCs
- E) Networks

Answer: B

Diff: 1 Type: MC Page Ref: 17

Topic: Q6

Skill: RECALL

48) Hal Varian suggests that mobility devices will change "what it means to go to work." What does he mean by this?

- A) There will be less work.
- B) Networks are a thing of the past.
- C) You will have to go to the work.
- D) You will deal with work at home.
- E) The work will come to you.

Answer: E

Diff: 2 Type: MC Page Ref: 17

Topic: Q6

Skill: APPLIED

49) Which of the following is an example of a company that offers a large amount of free IT resources?

- A) Wal-Mart
- B) Amazon
- C) Google
- D) Gartner
- E) Pearson Publishing

Answer: C

Diff: 2 Type: MC Page Ref: VARIOUS

Topic: Q5

Skill: APPLIED

50) What does ICT stand for?

- A) Information Communications Terminology
- B) Information Computing Technology
- C) Information Communications Technology
- D) Industrial Communications Technology
- E) Industrial Computing Technology

Answer: C

Diff: 1 Type: MC Page Ref: 14

Topic: Q5

Skill: RECALL

51) Which of the following are NOT the responsibilities of the user of an Information System?

- A) Backing up data
- B) Programming the system
- C) Learning how to employ the system to accomplish your goals
- D) Helping recover the system
- E) Protecting the security of the system and its data

Answer: B

Diff: 3 Type: MC Page Ref: VARIOUS

Topic: Q5

Skill: APPLIED

- 52) The Running Room web site
- A) handles online purchases.
 - B) provides unique services that are not available in stores.
 - C) provides discussion groups.
 - D) provides information efficiently to customers.
 - E) all of the above.

Answer: E

Diff: 3 Type: MC Page Ref: 21

Topic: Q5, Q6

Skill: APPLIED

- 53) _____ is (are) often the most important part of an information system.

- A) People
- B) Processes
- C) Hardware
- D) Data
- E) Software

Answer: A

Diff: 2 Type: MC Page Ref: VARIOUS

Topic: Q5

Skill: APPLIED

- 54) MIS can be defined as

- A) the development and use of information systems that achieve business goals and objectives.
- B) the use of information systems to develop business strategies.
- C) the use of information systems that achieve business goals and objectives.
- D) the development of information systems that helps a business to save money.
- E) the development and use of information systems to cut cost.

Answer: A

Diff: 1 Type: MC Page Ref: 7

Topic: Q2

Skill: RECALL

- 55) The critical difference between information systems and information technology is?

- A) The computers
- B) The way computers are used
- C) The people
- D) The information and data
- E) The computer programs

Answer: C

Diff: 3 Type: MC Page Ref: 10

Topic: Q3

Skill: APPLIED

56) Google's use of "content extraction" with Gmail is a concern for?

- A) Academics
- B) Google
- C) Privacy advocates
- D) Governments
- E) Competitors

Answer: C

Diff: 3 Type: MC Page Ref: 16

Topic: Q6

Skill: APPLIED

57) According to Industry Canada, the percentage of software and computer service companies in the Canadian ICT section in 2011 was

- A) 87%.
- B) 6%.
- C) 23%.
- D) 17%.
- E) 49%.

Answer: A

Diff: 2 Type: MC Page Ref: 12

Topic: Q4

Skill: RECALL

58) According to Industry Canada, the total number of jobs in the Canadian ICT sector in 2011 was about

- A) 522,000.
- B) 171,000.
- C) 717,000.
- D) 63,000.
- E) 480,000.

Answer: A

Diff: 2 Type: MC Page Ref: 12

Topic: Q5

Skill: RECALL

59) Which of the following sectors in Canada's ICT industry had the greatest amount of employment in Canada in 2011, according to Industry Canada?

- A) Law enforcement
- B) Manufacturing
- C) Pharmaceutical Research
- D) Education
- E) Software and computer services industries

Answer: E

Diff: 2 Type: MC Page Ref: 12

Topic: Q4

Skill: RECALL

60) According to Industry Canada, what is the percentage of the Canadian workforce have a university degree?

- A) 29%
- B) 23%
- C) 53%
- D) 43%
- E) 47%

Answer: C

Diff: 3 Type: MC Page Ref: 12

Topic: Q4

Skill: RECALL

61) According to Industry Canada, the average earnings of a software and computer services worker in Canada in 2011 is

- A) about \$62 000.
- B) about \$85 000.
- C) about \$72 000.
- D) about \$55 000.
- E) about \$67 000.

Answer: C

Diff: 3 Type: MC Page Ref: 12

Topic: Q4

Skill: RECALL

62) According to Industry Canada, in 2011 the percentage of Canadian ICT workers who have a university degree is

- A) 45%.
- B) 40%.
- C) 41%.
- D) 43%.
- E) 42%.

Answer: A

Diff: 3 Type: MC Page Ref: 12

Topic: Q4

Skill: RECALL

63) All of the following are components of an information system EXCEPT

- A) procedures.
- B) culture.
- C) people.
- D) software.
- E) hardware.

Answer: B

Diff: 2 Type: MC Page Ref: 6

Topic: Q1

Skill: RECALL

64) According to Moore's Law, an integrated chip's circuit density should _____ every 20 months.

- A) grow 50%
- B) decrease 50%
- C) increase 1%
- D) grow 100%
- E) gradually increase

Answer: D

Diff: 3 Type: MC Page Ref: 15

Topic: Q6

Skill: APPLIED

65) Network effects and lock-in of certain technologies affect which ratio?

- A) Values received decreases as the number of users increase.
- B) Values received increases as the number of users increase.
- C) Price increases as availability increases.
- D) Benefits decrease as the number of users increase.
- E) Values received increases as the costs increase.

Answer: B

Diff: 2 Type: MC Page Ref: 15

Topic: Q6

Skill: RECALL

66) It is expected that the complexity of computer chips will _____ over the next decade.

- A) stay about the same
- B) obey Moore's Law
- C) shrink
- D) continue to grow slowly
- E) grow more dramatically

Answer: B

Diff: 2 Type: MC Page Ref: 15

Topic: Q6

Skill: RECALL

67) An information system helps businesses achieve

- A) its goals and objectives.
- B) parity.
- C) waking up employees.
- D) security.
- E) fairness.

Answer: A

Diff: 1 Type: MC Page Ref: 7

Topic: Q2

Skill: RECALL

68) Information technology focuses on the hardware, software, and _____ components of an information system.

- A) data
- B) security
- C) procedures
- D) software
- E) people

Answer: A

Diff: 2 Type: MC Page Ref: 10

Topic: Q3

Skill: RECALL

69) Information technology only becomes useful when it is combined with the people and _____ components of an information system.

- A) process
- B) software
- C) hardware
- D) data
- E) procedure

Answer: E

Diff: 2 Type: MC Page Ref: 10

Topic: Q3

Skill: RECALL

70) One example of a simple information system that business people use would be

- A) instant messaging.
- B) a hard drive.
- C) a cell phone.
- D) a keyboard.
- E) a wireless mouse.

Answer: A

Diff: 2 Type: MC Page Ref: 13

Topic: Q3

Skill: APPLIED

71) A blog would be an example of

- A) IT procedures.
- B) an information technology.
- C) an information system.
- D) an email system.
- E) an infrastructure system.

Answer: C

Diff: 3 Type: MC Page Ref: 9

Topic: Q3

Skill: APPLIED

72) The "ICT Labour Trends Outlook" report of 2010 indicates there is a dramatic need for individuals with core skills that include

- A) communications skills.
- B) non-technical skills.
- C) basic computer skills.
- D) accounting skills.
- E) marketing skills.

Answer: A

Diff: 3 Type: MC Page Ref: 14

Topic: Q4

Skill: RECALL

73) Hal Varian notes that for business people

- A) the ability to handle data will be important for decades to come.
- B) learning about technology is not important.
- C) information technology does not change business.
- D) basic computer skills will be important for decades to come.
- E) information systems do not affect the way we work.

Answer: A

Diff: 3 Type: MC Page Ref: 10

Topic: Q6

Skill: APPLIED

74) A secondary focus of this class is

- A) learning to use Access in everyday tasks.
- B) learning to integrate tools like Excel and Access.
- C) learning how to use tools like Excel and Access to accomplish a business purpose.
- D) learning to use Excel to store data.
- E) to understand Information Systems.

Answer: C

Diff: 3 Type: MC Page Ref: 18

Topic: Q7

Skill: APPLIED

75) David Ticoll suggests that

- A) we will continue to see a divide between the real and the virtual world.
- B) we have already seen the pinnacle of network development.
- C) the technology trends of today will make performance-enhancing innovations available in almost every industry.
- D) we will continue to have problems in finding the hidden meaning from data.
- E) the cost of storage will almost be free in the next decade.

Answer: E

Diff: 3 Type: MC Page Ref: 18

Topic: Q6

Skill: APPLIED

76) Social media applications include

- A) email.
- B) spreadsheets.
- C) videos.
- D) databases.
- E) social networking sites.

Answer: E

Diff: 1 Type: MC Page Ref: 8

Topic: Q2

Skill: RECALL

77) The _____ sector revenues in Canada in 2011 were \$67 billion.

Answer: ICT

Diff: 2 Type: SA Page Ref: 11

Topic: Q4

Skill: RECALL

78) Moore's Law tells us that the _____ ratio of computers has fallen dramatically for years.

Answer: price/performance

Diff: 2 Type: SA Page Ref: 11

Topic: Q4

Skill: RECALL

79) The term _____ is used to refer to computer components that are not hardware.

Answer: software

Diff: 1 Type: SA Page Ref: 6

Topic: Q1

Skill: RECALL

80) When using an information system, you will have responsibilities for protecting the _____ of the system and its data.

Answer: security

Diff: 2 Type: SA Page Ref: 8

Topic: Q2

Skill: RECALL

81) The definition of MIS is that information systems exist to help businesses achieve their _____.

Answer: goals and objectives

Diff: 3 Type: SA Page Ref: 7

Topic: Q2

Skill: APPLIED

82) The Running Room has used its web site to increase its _____ to customers.

Answer: reach

Diff: 2 Type: SA Page Ref: 18

Topic: Q6

Skill: RECALL

83) Moore's Law states that the number of _____ per square inch on an integrated chip doubles every 20 months.

Answer: transistors

Diff: 2 Type: SA Page Ref: 15

Topic: Q6

Skill: RECALL

84) Moore's Law has proved generally accurate for more than _____ years.

Answer: 50

Diff: 1 Type: SA Page Ref: 15

Topic: Q6

Skill: RECALL

85) _____ is a group of components that interact to produce information.

Answer: MIS

Diff: 1 Type: SA Page Ref: 6

Topic: Q1

Skill: RECALL

86) The ICT sector in Canada, has had _____ the overall growth of the national GDP since 2002.

Answer: twice

Diff: 2 Type: SA Page Ref: 11

Topic: Q4

Skill: RECALL

87) MIS stands for _____.

Answer: management information system

Diff: 1 Type: SA Page Ref: 7

Topic: Q1

Skill: RECALL

88) _____ are defined as the development and use of information systems that help businesses to achieve their goals and objectives.

Answer: Information Systems

Diff: 1 Type: SA Page Ref: 8

Topic: Q2

Skill: RECALL

89) A(n) _____ is a group of components designed to produce information.

Answer: information

Diff: 1 Type: SA Page Ref: 6

Topic: Q1

Skill: RECALL

90) Every information system can be thought of as consisting of _____ components.

Answer: five

Diff: 2 Type: SA Page Ref: 6

Topic: Q1

Skill: APPLIED

91) Every information system contains hardware, software, people, data and _____.

Answer: procedures

Diff: 2 Type: SA Page Ref: 6

Topic: Q1

Skill: RECALL

92) Every information system contains hardware, software, people, _____, and procedures.

Answer: data

Diff: 2 Type: SA Page Ref: 6

Topic: Q1

Skill: RECALL

93) The study of MIS is not just about learning to use spreadsheets and databases, but about learning how to use these tools to accomplish a(n) _____ purpose.

Answer: business

Diff: 2 Type: SA Page Ref: 13

Topic: Q5

Skill: APPLIED

94) Information technology (IT) concerns only the hardware, software, and _____ components of an information system.

Answer: data

Diff: 2 Type: SA Page Ref: 10

Topic: Q3

Skill: RECALL

95) Although simple, e-mail would be an example of a(n) _____.

Answer: information system

Diff: 2 Type: SA Page Ref: 6

Topic: Q3

Skill: APPLIED

96) Changes in technology have advanced to a point where the content of an individual's email can now be used to determine the advertising that individual sees in their web mail account. This has resulted in _____ concerns.

Answer: privacy

Diff: 3 Type: SA Page Ref: 16

Topic: Q6

Skill: APPLIED

97) To understand MIS you need to both understand and relate _____ and technology to one another.

Answer: business

Diff: 3 Type: SA Page Ref: 13

Topic: Q5

Skill: APPLIED

98) The ability to use basic information systems is _____ in today's work environment.

Answer: essential

Diff: 2 Type: SA Page Ref: 13

Topic: Q5

Skill: APPLIED

99) To gain a competitive advantage in today's work place your skills need to go beyond the basic use of _____.

Answer: information systems

Diff: 3 Type: SA Page Ref: 13

Topic: Q5

Skill: APPLIED

100) In the next decade David Ticoll suggests that _____ will almost be free.

Answer: unlimited storage

Diff: 2 Type: SA Page Ref: 17

Topic: Q6

Skill: RECALL

101) The collision of the real world and the virtual world will be the result of cheap, reliable, and widely available _____.

Answer: networks

Diff: 2 Type: SA Page Ref: 18

Topic: Q6

Skill: APPLIED

102) You can maximize the value of this course by _____ the material.

Answer: personalizing

Diff: 2 Type: SA Page Ref: 22

Topic: Q7

Skill: RECALL

103) What does Moore's law have to do with the amount of data being generated today? Do you see this trend continuing?

Answer: Gordon Moore's famous observation was made in 1965. It projects the doubling of transistors every couple of years. Moore's Law has been maintained and still holds true today. With respect to storage devices, their capacity has been growing just as rapidly which, in turn, is driving down the price of storage. So now it is feasible to have many exabytes of storage for things like audio and video files. Yes this will most definitely continue to expand, and it is difficult to see where it will end, but things like real time video feeds and real time virtual reality simulations will take huge amounts of processing power and memory in order to store them.

Diff: 3 Type: ES Page Ref: 15

Topic: Q6

Skill: APPLIED

104) Why is it important for business professionals to know about MIS?

Answer: The decisions concerning what functions should be included in corporate information systems is too important to be simply left to the techies. Every business professional should have some knowledge about MIS so that they can be intelligent users and help the system designers to design better systems. Knowing what systems are capable of doing will help when they are interviewed by the systems analysts to determine what the system requirements of the new system will be. They will also have to frequently interact with techies in order to help debug existing systems and even to generate ideas for new applications to improve the company's competitive position.

Diff: 2 Type: ES Page Ref: 18

Topic: Q6

Skill: APPLIED

105) How is IT different from an information system? Why is this important?

Answer: Whereas IT is concerned with computer hardware, software, and data, which are certainly part of an information system, an information system is a broader concept than IT by itself. Information systems include IT, but also focus on the people that use it and the procedures for using it properly. This is important because IT is just a tool and to get the most out of it, we need to realize that people have to be trained and that proper procedures for using it have to be in place.

Diff: 3 Type: ES Page Ref: 10

Topic: Q3

Skill: RECALL

106) Explain the difference between Information Technology (IT) and Information Systems (IS).

Answer: Information technology and information systems are two closely related terms, but they are different. Information technology refers to methods, inventions, standards, and products. As the term implies, IT refers to raw technology, and it concerns only the hardware, software, and data components of an information system. In contrast, an information system is a system of hardware, data, procedures, and people that produce information.

Diff: 2 Type: ES Page Ref: 10

Topic: Q3

Skill: RECALL

107) Describe the functions of a social networking site.

Answer: Social Networking sites provides users with the ability not only to create his/her own personal profile, but also to link this profile to friends, family, team members, and other web acquaintances with similar sites.

Diff: 3 Type: ES Page Ref: VARIOUS

Topic: Q1, Q2

Skill: APPLIED

108) List what the 5 component framework of Information Systems entail?

Answer: The 5 component framework of Information Systems consist of hardware, software, data, procedures, and people.

Diff: 3 Type: ES Page Ref: 6

Topic: Q1

Skill: RECALL

109) What are the responsibilities of a user of Information Systems?

Answer: In addition to learning how to use a system, a user is also responsible for protecting the security of the system and its data. When the system fails, a user will have tasks to perform while the system is down, as well as tasks accomplish to help recover the system correctly and quickly.

Diff: 3 Type: ES Page Ref: VARIOUS

Topic: Q5

Skill: APPLIED

110) Describe the essence of Moore's Law.

Answer: In 1965, Gordon Moore said that because of technology improvements in electronic chip design and manufacturing, "The number of transistors per square inch on an integrated chip doubles roughly every 2 years (20 months)."

Diff: 3 Type: ES Page Ref: 14

Topic: Q6

Skill: APPLIED

111) What is the definition of MIS?

Answer: MIS is the development and use of information systems that help businesses achieve their goals and objectives. This definition has three key elements: development and use, information systems, and business goals and objectives.

Diff: 2 Type: ES Page Ref: 7

Topic: Q1

Skill: RECALL

112) Describe an example of a company taking advantage of IT resources to further its business interests.

Answer: Google uses "content extraction" to better target its advertising on Gmail to users that may more likely be interested in the ads that they are being shown. The Running Room is using the web to create a better sense of community among its online customers.

Diff: 3 Type: ES Page Ref: VARIOUS

Topic: Q5

Skill: RECALL

113) What are the required qualifications for those who would like to take advantage of the jobs created by the software and computer services industry?

Answer: It is a knowledge-intensive industry where approximately half of all workers possess university degrees. Students in the Canadian economy who are working toward becoming business professionals cannot ignore the importance of understanding and working with information systems.

Diff: 3 Type: ES Page Ref: 12

Topic: Q4

Skill: APPLIED