- Name: _____

- Date: _____

- Section: MW 0900

BUSN 315: Management Information Systems

Quiz #2

Fall 2025

INSTRUCTIONS:

- Write your name, date, and section clearly at the top of the first page.

- This is a closed-book quiz. You may not use your textbook, class notes, or electronic devices.

- The quiz consists of three parts: Definitions, Multiple Choice, and Short Answers.

- For definitions, write in complete sentences. Limit each definition to 3 sentences.

- For True/False questions, write TRUE or FALSE for each statement. If the statement is FALSE, provide a brief one- to two-sentence justification.

- For multiple-choice questions, circle the single best answer. Only one option is correct.

- For short-answer questions, write your responses in complete sentences. Limit your response to 5 sentences or fewer.

- The total time allowed is 75 minutes. Manage your time carefully.

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Problem 1. Definitions   **(5 Points Each)**

Select <u>FOUR</u> items on the list of items below, and provide a definition of the items that you chose.

- Ethics
- Virtualization
- Software-Defined Storage (SDS)

- Green Computing
- Utilitarianism
- Categorical Imperative

1.A. Item #1: _____

1.B. Item #2: _____

1.C. Item #3: _____

1.D. Item #4: _____

Problem 2. True / False   **(5 Points Each)**

Determine whether the following statements are either TRUE or FALSE. If you deem that the statement is TRUE, there is no need to justify your answer. If you deem that the statement is FALSE, you <u>MUST</u> justify your verdict by providing an explanation.

2.A. The Risk Aversion Principle suggests managers should choose the option that offers the greatest possible gain regardless of risk.

2.B. The Veil of Ignorance argues that ethical decisions should be made as if you had no knowledge of your own social position.

2.C. Cloud computing resources can be accessed on demand from multiple devices through the Internet.

2.D. Green computing focuses only on recycling hardware at the end of its life cycle.

Problem 3. Multiple Choice   (4 Points Each)

3.A. Which of the following is <u>not</u> one of the Five Moral Dimensions of the Information Age?

    a) Accountability and control

    b) System quality

    c) Fair market pricing

    d) Information rights and obligations

3.B. Which ethical framework asks whether a rule could rationally be applied as a universal law?

    a) Utilitarianism

    b) Categorical Imperative

    c) Golden Rule

    d) Risk Aversion Principle

3.C. Under Fair Information Practices (FIP), users must be able to:

    a) Revoke or correct inaccurate personal data

    b) Sell data collected by organizations

    c) Share data without consent

    d) Avoid all data collection entirely

3.D. Which statement best describes virtualization?

    a) Combining multiple physical systems into one logical unit

    b) Creating multiple virtual machines on one physical device

    c) Removing software dependencies from hardware entirely

    d) Converting analog data into digital form

3.E. Which of the following best fits the definition of Infrastructure as a Service (IaaS)?

    a) Users rent computing resources such as storage and networks

    b) Developers access cloud-based testing platforms

    c) Firms subscribe to online office software

    d) Consumers download free applications to personal devices

Problem 3. Multiple Choice (continued)   **(4 Points Each)**

3.F. Which cloud-service model provides vendor-hosted applications accessible through a browser?

  a) IaaS

  b) PaaS

  c) SaaS

  d) SDS

3.G. Quantum computers differ from classical systems because they:

  a) Store data magnetically

  b) Use qubits capable of representing 0 and 1 simultaneously

  c) Operate only at room temperature

  d) Depend solely on optical fiber transmission

3.H. Which of the following best describes Software-Defined Storage (SDS)?

  a) Software separating data-management functions from hardware

  b) A cloud-based analytics program

  c) Proprietary file format for large databases

  d) A tool that encrypts all corporate data

3.I. Which IT era introduced computing power directly to individual employees?

  a) Mainframe era

  b) Personal Computer era

  c) Client/Server era

  d) Cloud era

3.J. Which ethical concept emphasizes that individuals who create harm should be legally obligated to compensate those affected?

  a) Accountability

  b) Liability

  c) Responsibility

  d) Due process

Problem 4. Short Answer   **(10 Points Each)**

4.A. A company plans to move all data storage to a public cloud. Explain one technical benefit <u>and</u> one management challenge this could create.

4.B. An e-commerce company installs tracking cookies to personalize ads. Explain one ethical justification <u>and</u> one privacy concern related to this practice.

- Original Score: _____

- Original Date: _____

- Recovered Score: _____

- Recovered Date: _____