**Questions**

| **Control** | * Automated * Partially-Automated * Manual | * Prevent * Detect * Correct | * Environmental * Financial * Operational * IT General |
| --- | --- | --- | --- |
| * 1. Cash accounts are reconciled to bank statements monthly |  |  |  |
| * 1. Services provided by third parties are regularly monitored for adherence to contractual agreements |  |  |  |
| * 1. User accounts lockout after a certain number of unsuccessful login attempts |  |  |  |
| * 1. Store employees cannot change the price of merchandise |  |  |  |
| * 1. Employees must acknowledge that they have read and understand the corporate policies by signing a form |  |  |  |
| * 1. When a system crashes, applications are restored from the most recent backup |  |  |  |
| * 1. Data validations during data entry do not allow incorrect or invalid data to be entered. |  |  |  |
| * 1. Buyers can only purchase products from a list of authorized vendors |  |  |  |
| * 1. Only authorized individuals can move programs to the production environment |  |  |  |
| * 1. Ability to create, change and delete accounts is restricted by system permissions to those individuals approved by management only |  |  |  |
| * 1. Fixed-asset depreciation is automatically recorded monthly, based upon asset setup (e.g., depreciation type, book value, useful life, etc.) |  |  |  |
| * 1. Insurance reimburses the loss from business interruption |  |  |  |
| * 1. Sequential check numbers are used to identify missing or duplicate payments |  |  |  |
| * 1. Antivirus software protects systems from computer viruses and other malware |  |  |  |
| * 1. Upper management approval is required for all purchases over $100k. VP Approval is required for purchases over $500k. |  |  |  |

**Answers**

| **Control** | * Automated * Partially-Automated * Manual | * Prevent * Detect * Correct | * Environmental * Financial * Operational * IT General |
| --- | --- | --- | --- |
| * 1. Cash accounts are reconciled to bank statements monthly | Partially-Automated | Detect | Financial |
| * 1. Services provided by third parties are regularly monitored for adherence to contractual agreements | Manual | Detect | Financial and/or Operational (or both), depending on service |
| * 1. User accounts lockout after a certain number of unsuccessful login attempts | Automated | Prevent | IT General |
| * 1. Store employees cannot change the price of merchandise | Automated (assuming system enforced) | Prevent | Financial |
| * 1. Employees must acknowledge that they have read and understand the corporate policies by signing a form | Manual | Prevent | Environmental |
| * 1. When a system crashes, applications are restored from the most recent backup | Partially Automated | Correct | IT General |
| * 1. Data validations during data entry do not allow incorrect or invalid data to be entered. | Automated | Prevent | Financial and/or Operational (or both) |
| * 1. Buyers can only purchase products from a list of authorized vendors | Automated (assuming system enforced) | Prevent | Operational |
| * 1. System permissions only authorized individuals to move programs to the production environment | Automated | Prevent | IT General |
| * 1. Ability to create, change and delete accounts is restricted by system permissions to those individuals approved by management only | Automated | Prevent | IT General |
| * 1. Fixed-asset depreciation is automatically recorded monthly, based upon asset setup (e.g., depreciation type, book value, useful life, etc.) | Automated | Prevent (for lack of a better option - - Technically, this is a process; not a control) | Financial |
| * 1. Insurance reimburses the loss from business interruption | Manual | Correct | Financial |
| * 1. Sequential check numbers are used to identify missing or duplicate payments | Manual | Detect | Financial and/or Operational (or both) |
| * 1. Antivirus software protects systems from computer viruses and other malware | Automated | Detect and Correct | IT General |
| * 1. Upper management approval is required for all purchases over $100k. VP Approval is required for purchases over $500k. | Manual (assuming no systems are involved) | Prevent | Financial |