CYB-0103 – Quiz1-A

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| **Student Name (in English):** |  |
| **Student ID:** |  |
| **Section No.:** |  |

**Q1: Choose the correct answer:**

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| --- | --- |
| 1. **It struggles because it relies on the developer to explicitly think about security vulnerabilities while at the same time trying to focus on implementing business functionality** | |
| 1. Design approach | 1. CIA approach |
| 1. Traditional approach | 1. Cyber-Security |

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| 1. **It focuses on protecting computer systems from unauthorized access.** | |
| 1. Design approach | 1. CIA triad |
| 1. Traditional approach | 1. Cybersecurity |

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| 1. **It’s better to view security as a \_\_\_\_\_\_\_\_\_\_to be met than to view it as a \_\_\_\_\_\_\_\_to implement.** | |
| 1. Feature/concern | 1. Concern/feature |
| 1. Feature/feature | 1. Concern/concern |

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| --- | --- |
| 1. **The advantage/advantages of design approach**. | |
| 1. Business concerns and security concerns become of equal priority. | 1. Domain focus solves security bugs implicitly |
| 1. Non-security experts naturally write secure code. | 1. All the above |

**Q2: Match the correct answer from column A to column B:**

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| **#** | **A** | **The answer** | **B** |
| 1 | The need for knowing who add or change the records of patients and when, example of | **2** | **Integrity** |
| 2 | Counting election results example of | **1** | **Traceability** |
| 3 | Healthcare record example of | **4** | **Availability** |
| 4 | The need to know about the location of a fire example of | **3** | **Confidentiality** |

**Q3: Answer the following question:**

1. Write 2 reasons Why traditional approach are problematic?
2. Explicitly thinking about security.
3. Everyone is a security expert.
4. Knowing all and the unknowable.