Republic of the Philippines

**CAVITE STATE UNIVERSITY**

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**DEPARTMENT OF COMPUTER STUDIES**

**COSC 80: Operating Systems**

**Activity # 2**

**1st SEMESTER A.Y. 2025-2026**

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| --- | --- |
| **Name: Somera, Alord Jhinroy M.** | **Date: 9-28-2025** |
| **Course/Yr&Section: BSCS 3-5** | **Score:** |

**Output:**

Part I – Matching Type

Answers:

1. D
2. E
3. F
4. B
5. C
6. A

**Part II – Situational Activity**

**Situation 1 (2 pts):**

**You are typing a report in Microsoft Word and suddenly the application crashes.**

**Which OS service is responsible for handling this issue?**

* Error Detection Handling

**How does it help maintain the system’s stability?**

* OS utilizes the detection of Microsoft Word as soon as the process has crashed. It isolates the faulty application to keep the spread to the whole system. This approach averts the entire operating system from crashing.

Situation 2 (2 pts):

You log into your personal laptop using a password before accessing your files.

Which OS service is being used in this situation?

* Authentication

Why is it important for users?

* It asserts the identification of the user before granting any access to the system. This approach enables users to protect their personal files and data from unauthorized access. It establishes the privacy and security of the system.