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| UW | **Dep**  **Department of Computer Science**  **Assignment #03**  **Assignment #** | |
| **Course Code: GE-181**  **Course Title: Application Of Information And Communication Technologies**  **Total Marks: 15**  **Assigned Date: 24th December,2024** | | **Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Registration No. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Discipline/Semester: BS(CS)-1st B**  **Deadline:30th December,2024** |
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**Instructions:**

* **The assignment has to be delivered in handwritten form (using A4 sheets) no later than the specified deadline.**
* **Plagiarism leads to zero. i.e., the one who provides his/her solution for copying and the one who copies, both will get zero marks for the copied part.**

**Q.1. [CLO1-GA2, C1] [15 Marks]**

**List** and compare the key features of MS-DOS, Linux, Unix, Ubuntu, Android, and Windows operating systems with reference to the following parameters: kernel architecture, user interface, security mechanisms, resource management and multitasking capabilities, file system support, and overall performance. Identify the strengths and weaknesses of each operating system in relation to these aspects.