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| Graphic Era Hill University, Haldwani Campus | | | | Assignment 1 | | |
| Session : 2024-25 (odd Semester) | | | Class/Semester : B.Tech (CSE) 5th Sem | | | |
| Subject Code: TCS -591 | | | Subject Name : Computer System Security | | | |
| Lecture : 3 | | | Tutorial : 0 | | | |
| Assigned on: 13-09-2024 | | | Last date of submission : 19-09-2024 | | | |
| Section | Question No. | Question | | | Marks | Remarks |
| Unit -1 |  | What do you mean by computer system security what are the common security threat for computer system security? | | | 10 |  |
|  | Write a note on isolation and sand boxing | | | 10 |  |
|  | What is a privilege escalation attack and how you can prevent that ? | | | 10 |  |
|  | What are the various security vulnerability detection tools, and techniques? | | | 10 |  |
|  | Elaborate the exploitation techniques and fuzzing. | | | 10 |  |

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| Reference Books | * Security in Computing, Book by Charles P Pfleeger and Shari Lawrence Pfleeger, V edition 2015 * Cryptography and Network Security: Principles and Practice, Book by William Stallings, VII edition 2017 |