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| **Branch/Semester** | BSc. IT (Cloud & Application Development) / II |
| **Subject Name:** | Linux Essentials |
| **Subject Code:** | 05CA0205 |
| **Assignment:** | Assignment No. 4 (Permissions in Linux) |
| **Date:** |  |
| **Faculty Name:** | Prof. Abhishek Chauhan |

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| **1.** | What is the significance of the setuid and setgid bits in file permissions? |
| **2.** | How can you restrict file access to the file owner only? |
| **3.** | How do you remove write permissions for a group on a file using chmod? |
| **4.** | How can you check the number of hard links associated with a file? |
| **5.** | What is the purpose of the sticky bit in directory permissions? |
| **6.** | How do you recursively change the permissions of all files and subdirectories within a directory? |
| **7.** | How can you create a file and assign specific permissions at the same time? |
| **8.** | What command is used to view the effective permissions of a symbolic link? |
| **9.** | How do you check and modify default permissions for newly created files in Linux? |
| **10.** | What is the command to change the ownership of a directory and all its contents? |