

Q.:5 Do as directed. (ANY 5)

[10]

- [A]
1. What will happen for the command `cat x1 > x2` when file `x2` exists and do not have write permission?
 2. What is the purpose of i-node table?
 3. Define Environment variable. What is the scope of a variable by default?
 4. Which permissions for working directory are necessary for executing `rmdir` command successfully?
 5. Suppose your working directory is `x1`, which is linked to `x2` and both are under `/user/bca01`. What will be output of `pwd` command?
 6. What can be size in terms of byte of newly created directory? Further how many files will be created initially when you run `mkdir` command?
 7. Explain `kill` command giving example.

[B] Define File System. List few file system that are supported by Linux. [4]
Also list few common characteristics provided by most of the file system.

OR

Define Process. How it differ from Executable program? List different process state available under UNIX.