



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.