9 bit protection code (UNIX)

10 bit protection code (LINUX)

\_ \_ \_ / \_ \_ \_ / \_ \_ \_

User/Owner Group members others

r w x

Read Write Execute

r w x / r w \_ / r \_ \_ abc.txt

10th bit signifies whether it is a file or a directory

d

ABC is a directory

r w x/r w \_ /r \_ \_

x in case of directory signifies has search permission

Absolute permissions allocation

chmod g+x abc.txt chmod o+r abc.txt chmod o+r,o+w abc.txt

chmod u-x abc.txt chmod a+r abc.txt chmod a+a abc.txt

Using Octal notation

R =4 w = 2 x=1 4+2+1=7

Chmod 777 abc.txt 764 R \_ \_/\_ w\_/\_ \_ x chmod 421 abc,txt

Chmod 777 ABC

ROLL | NAME | DEPT | HOD

1 | DC |CSE |MDU

2 | AKS | IT | ARC