

1. a) NTFS
2. b) FFS
3.
 - FFS : 2
 - 2 because 1 for inode block and 1 for data block containing 10 bytes of data
 - NTFS : 1
 - 1 because master file table record can store data directly given small data
4.
 - FFS : 102
 - 102 because 100 data blocks, 1 inode block and 1 indirect pointer block
 - NTFS : 101
 - 101 because 100 data blocks, and 1 master file record