

1.
  - a) New inode used at I[2]
  - b) inode\_bm[2] set to 1
  - e) DB[4] modified
2.
  - d) Inode I[3] modified
  - g) New data block at DB[3]
  - h) data\_bm[3] set to 1
3. a) No inconsistency (it simply appears that the operation was not performed)
4.
  - d) Something points to garbage
  - e) Multiple inodes may point to same data block
5.
  - b) Data leak (data block is lost for any future use)
6.
  - e) Something points to garbage (or may eventually point to garbage)
7.
  - d) Multiple file paths may point to same inode)
  - e) Something points to garbage (or may eventually point to garbage))
  - f) Multiple inodes may point to same data block))

**Correct Solution**

- e) Something points to garbage (or may eventually point to garbage))
- f) Multiple inodes may point to same data block))

**Notes**

- I thought too far. Only need to be thought in context of the digram.
8.
    - b) Data leak)