2229907 — S-05
MD.Sohanur Rahman Shimul

1.

a) Referential Integrity Constrain.
→ As there is no 2 in Department (refenenced table)
→ We can insert null value in Dnum for
   'product A'.

b) No violation.

c) key constrain, Referential Integrity constrain.
  → Primary key can not be duplicate also
    there is no Ssn in Employee table.
  → First of all we can restrict duplicate
    primary key insertion. Secondly, we can
    declare Mgr_ssn with proper reference.

d) Referential Integrity constrain.
  → If we delete Ssn="333445555" there
    will be no
  → Employee table referenced by Department,
    works_on, Dependent table. If we delete
    the Ssn then referrencing table will have those
    value which doesn't exist on refenenced
    table.
  → We can delete the value from all referrencing
    table which is connected to the refenenced table.

e) No violation.