5.14

σ_{all} (EMPLOYEES)

5.15. $\sigma_{(sex = 'F')}$ (EMPLOYEES)

5.16 $\sigma_{\text{name, address}}$ (position = Manager) name, address (EMPLOYEES)

5.17 σ (dept. name = IT)

EMPLOYEE $\bowtie_{(E.deptNO = D.deptNO)}$ DEPARTME $\wedge$ (deptName = π)$^{\text{DEPARTMENT}}$

5.18 EMPLOYEE $\bowtie$ PROJECT
$\llcorner$ (E.deptNO = P.deptNO) $\wedge$ (projName = SCCS)

count

5.20 σ (EMPLOYEE $\bowtie$ DEPARTMENT)
$\llcorner$ (E.deptNO = P.deptNO) $\wedge$ (E.deptNO = IT
E.fName = JAMES
ADAMS)