Physics 201 1949 Free! Exam | review tomorrow One Night Only! 6-7:30 pm in lab: SIE 2111 Wed: Quiz Z.O: Gauss' Law. Friday: In lab: Exam 1. Practice Gauss' Law Quiz Thin Shell Sphere, radius By with o on it. Find Ecr) inside (reB) and outside (r>B) the Shell. 5 - Charge unit area SE. da = QIN "the inside" Q.N=0 6 E. da = 0 OFdo = 0 E oda = 0

E oda = 0 E4112=0 r>B (outside) Flux

E=Z9 (Z=W) the inside)

indep. of Z.

outside the Sheet (Plane)? Fida = Eda cos 0 (No flux)