

36. (a) What do you think will be the electric flux through the cylindrical surface that is placed as shown in the constant electric field in Figure 19.16? Why?
- (b) What if the cylinder is placed upright, as shown in Figure 19.17? Explain.

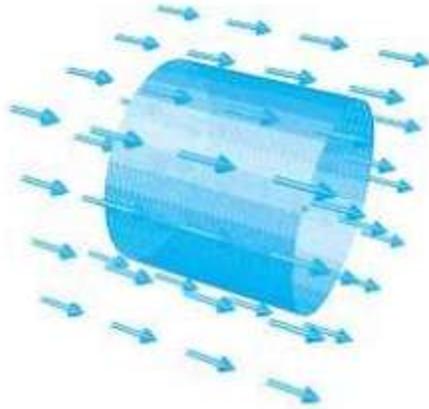


Figure 19.16

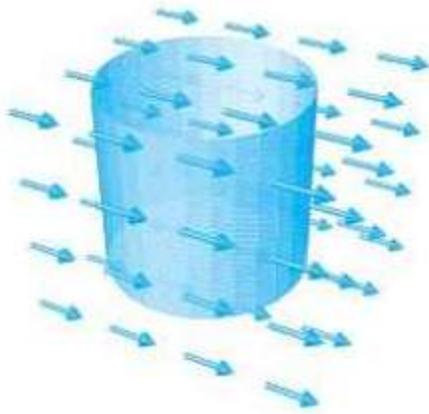


Figure 19.17