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approximation of this expression.4. What do you understand by polarization in dielectrics in the presence of electric field. How does its extent affect the field distribution inside the material.

 $\rho_{\rm c}$ . The determination of this intensity at an off-axis point would be

more difficult, explain why? Also give the large distance

## OR

Explain the significance of boundary conditions in general and in electrostatics in particular with the help of suitable examples and illustrations. Also give the relevant mathematical expressions.