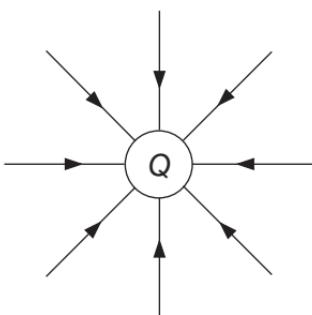
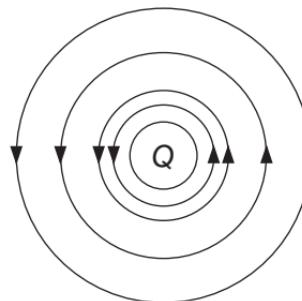


31 Which diagram represents the electric field in the vicinity of a positive electric charge of magnitude  $Q$ ?

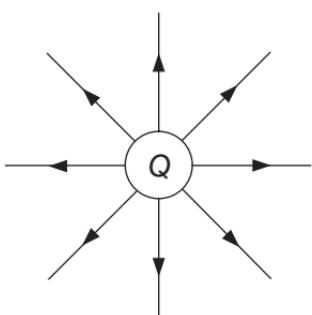
A



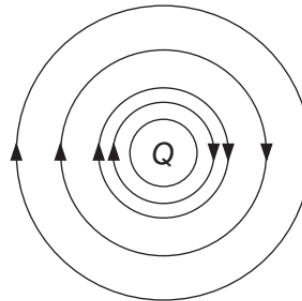
B



C



D



32 A copper wire of cross-sectional area  $2.0\text{ mm}^2$  carries a current of  $10\text{ A}$ .