

31 A small charge q is placed in the electric field of a large charge Q .

Both charges experience a force F .

What is the electric field strength of the charge Q at the position of the charge q ?

A $\frac{F}{Qq}$

B $\frac{F}{Q}$

C FqQ

D $\frac{F}{q}$

32 The current in a component is reduced uniformly from 100 mA to 20 mA over a period of 8.0 s .