$$2 \;/\; 3\,e^- + 4\,H^+ + MnO_4^- \rightarrow MnO_2 + 2\,H_2O$$

$$3 \;/\; 2\,I^- \rightarrow I_2 + 2\,e^-$$

$$6\,e^- + 8\,H^+ + 2\,MnO_4^- + 6\,I^- \rightarrow 2\,MnO_2 + 4\,H_2O + 3\,I_2 + 6\,e^-$$

After electrons cancel each other, net equation is ;

$$8\,H^+ + 2\,MnO_4^- + 6\,I^- \rightarrow 2\,MnO_2 + 4\,H_2O + 3\,I_2$$