## 2010 AP® CHEMISTRY FREE-RESPONSE QUESTIONS

o) Prop	pane is burned completely in excess oxygen gas.
(i)	) Balanced equation:
(ii)	When the products of the reaction are bubbled through distilled water, is the resulting solution neutral acidic, or basic? Explain.
e) A so	olution of hydrogen peroxide is heated, and a gas is produced.
(i)	) Balanced equation:
(ii)	Identify the oxidation state of oxygen in hydrogen peroxide.

YOU MAY USE THE SPACE BELOW FOR SCRATCH WORK, BUT ONLY EQUATIONS THAT ARE WRITTEN IN THE ANSWER BOXES PROVIDED WILL BE SCORED.