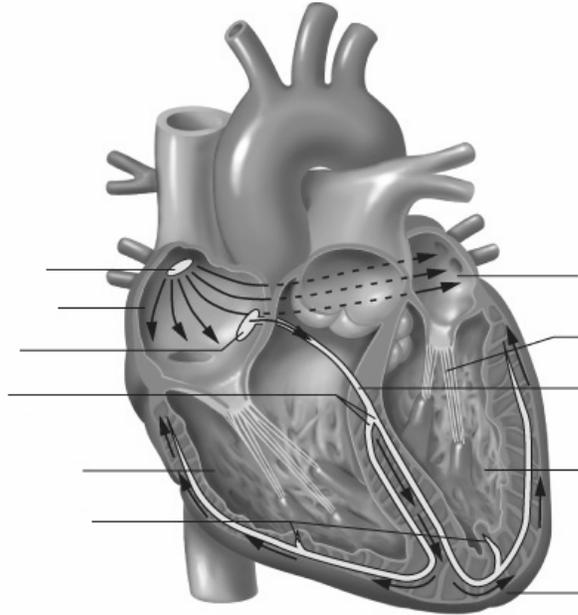


**Part A Electrical System of the Heart**

1. Label the electrical system of the heart



2. Describe what happens when the electrical stimulus travels through the heart.

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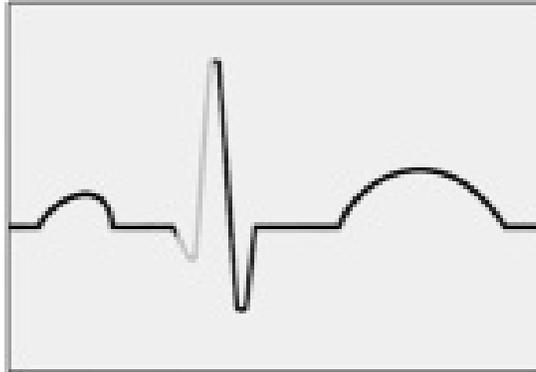
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**Electrical System of the Heart****Part B** An electrocardiogram (ECG) records the electrical activity of the heart

3. Label the PQRST complex on the ECG reading below.



4. The PQRST complex represents a complete cardiac cycle. Identify what part of the cardiac cycle is occurring at each part of the complex.

ECG Wave Part	Corresponding Cardiac Cycle
P	
QRS	
T	

5. Extension Question. Using the Internet, find out why PQRST is used on the ECG wave.

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