**Water Cycle Review notes 4-5**

**River regimes**

**What is river discharge? How is it calculated?**

**What is the river regime?**

**Describe the differences in the regimes of the River Avon and Mohawk River.**

**What is the river regime of the River Nile? What 3 rivers make up its flow? Account for the differences between them.**

**What is the river regime of the Ganges? What rivers make up its flow? Account for the differences between them.**

**Draw simple graphs for each.**

**The storm hydrograph**

**Find or draw a copy of a storm hydrograph. Label and describe the features of the storm hydrograph:**

* **Rising limb**
* **Peak discharge**
* **Lag time**
* **Receding limb**
* **Base flow**
* **Bankfull discharge**

**Explain what is meant by flashy or subdued hydrograph. Draw a simple hydrograph for each.**

**Produce a mindmap or spider diagram to explain the role of human and physical factors which help determine the shape of the hydrograph and length of lag time.**

**Rank the factors in order of importance and justify your choices.**