**Water Cycle Review notes 6-7**

**Factors affecting the water cycle**

**What are residence times and what are the approximate residence times for each of the stores?**

**The impact of urbanisation and deforestation on the water cycle. Include illustrations to help complete these tasks:**

**Outline the effects and dangers of over abstraction;**

**List the advantages of soil drainage and explain the disadvantages of soil drainage.**

**How does urbanisation impact on the water cycle?**

**How do seasonal changes and storms affect the water cycle?**

**Do human or physical factors play a bigger role? Explain your view.**

**Case Study: Water abstraction in the London Basin. How has groundwater abstraction in London varied over the last 200 years? What were the main differences between 2000 and 2014?**

**Case study of a river catchment – the River Exe**

**Describe the location of the River Exe. Briefly outline the geological, physical and land use characteristics of the catchment.**

**Describe and explain variations in the runoff pattern of the Exe. Why does runoff account for 65% of the water balance?**

**Outline recent developments in the Exe catchment. How do these help ensure a more sustainable water supply? How does it benefit the water cycle?**

**Outline the evidence for the success of the initiative.**

**How is the Upstream Thinking project promoting sustainable water management in the farming community?**

**Produce a mindmap of the economic, social and environmental benefits of the restoration of Exmoor’s peatlands.**