# Canarygeog Worksheet

## Rivers - Answers

1. What is erosion ?

   Erosion is the wearing away of land by the material carried by the rivers or streams.

2. How do rivers erode ?

   Rivers erode in four ways :

   - Abrasion : materials carried by the water scrape against the bed and banks.
   - Attrition : materials know against each other wearing them away.
   - Hydraulic action : water is forced into cracks in the banks which will break with time.
   - Solution : material from the bed and banks is dissolved in the water.

3. What is discharge ?

   Discharge is the volume of water flowing past a single point in the river in 1 second. It is measured in cubic metres per second (cumecs).

4. What does a hydrograph show ?

   Hydrographs show the discharge of a river or stream over a specific period of time and shown in cubic metres per second (cumecs).

5. What is lag time ?

   Lag time is how long it is from the peak rainfall to the peak discharge.

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