**Freshwater – Option A – Higher Level**



Identify two transfers and two stores shown in the diagram. (2x2)

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Outline how water is transferred through a drainage basin by:

Groundwater flow [2]

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Surface Runoff [2]

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Suggest how a decline in ice coverage in mountain areas on the diagram could result in changes to surface runoff.

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Identify one positive and one negative feedback loop that could exist in an inhabited drainage basin

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Explain how stream discharge is related to channel size and shape. (6)

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State two possible uses of water for agriculture. (2)

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International conflicts for water are more difficult to mitigate against than those at a regional scale. To what extent do you agree with this statement? (10)

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