

1 | River Environments

- 1) Explain, in detail, the key processes involved in the hydrological cycle. Include the terms evaporation, transpiration, condensation, precipitation, runoff, and infiltration in your response. Provide examples to illustrate each process and discuss their significance in maintaining the water balance on Earth.

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- 2) Identify one input and one output of the drainage basin cycle. (2)

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- 3) Using your knowledge on the fluvial processes, describe how a river transport its load.

(4)

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- 4) Answer the following questions:

- a) Identify one store in the hydrological cycle. (1)

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- b) Identify one transfer in the hydrological cycle. (1)

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- c) Explain one process of river erosion. (2)

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- 5) Explain the term 'saltation' in the context of the fluvial processes.

(2)

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(Total Marks – 20)