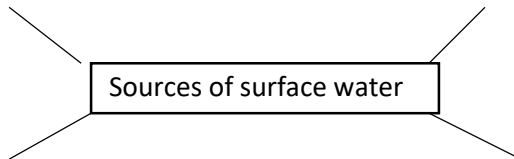


**HYDROLOGY**

**(a) Short Answer Questions**

(i) Draw a star diagram to show the different sources of surface water.



(4 marks)

(ii) Describe a fluvial transportation process.

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(2 marks)

(iii) Explain the difference between pools and riffles.

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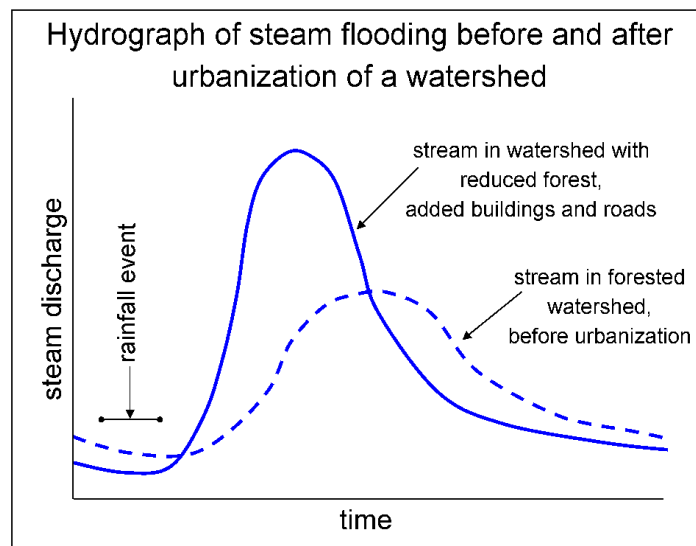
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(2 marks)

**(b) Resource Interpretation**

Use the resource given below and you knowledge to answer the question that follows.



Source: <https://courses.lumenlearning.co>

Explain the flood response of a stream to a given amount of rainfall before and after the stream drainage area was urbanized by removal of forest and addition of buildings and roads.

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(2 marks)