

HYDROLOGY

(a) **Definitions:** Define any four of the following: (4 marks)

- |                        |                       |
|------------------------|-----------------------|
| (i) aquifer            | (ii) artesian well    |
| (iii) confluence       | (iv) drainage basin   |
| (v) zone of saturation | (vi) hydraulic action |

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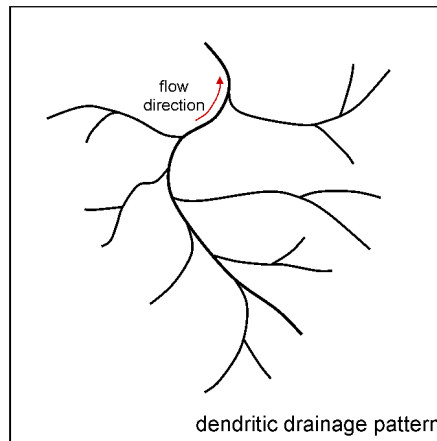
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(b) **Resource Interpretation**

Use the resource below and your knowledge to complete the stream orders in the diagram below.



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

(c) **Short Answer Questions**

(i) State **two** uses of surface water

\_\_\_\_\_  
\_\_\_\_\_ (2 marks)

(ii) Explain how the size of a river channel influences its velocity and ability to erode effectively.

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\_\_\_\_\_ (2 marks)