Assignment 4

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment.

1) The _______ ________, separates the boundary between different streams or rivers in a subcatchment area.
   - watershed
   - drainage divide
   - point bar
   - thalweg

   No, the answer is incorrect.
   Scale: 0
   Accepted Answers: drainage divide

2) Exhumation (C&W) suggested different types of channel patterns based on:
   - Flow velocity
   - Sediment load and size
   - Stream Power
   - All of the above

   No, the answer is incorrect.
   Scale: 0
   Accepted Answers: All of the above

3) _______ ________ is an area of maximum slope and energy in the river, which generally lies on the concave side of the meandering channel.
   - Meander
   - Floodplain
   - Thalweg
   - Taramas

   No, the answer is incorrect.
   Scale: 0
   Accepted Answers: Taramas

4) The cohesive nature of ________, makes it harder to erode or transport than ________.
   - Clay, Sand
   - Coarse, SiO
   - Boulder, Sand
   - Bank, Clay

   No, the answer is incorrect.
   Scale: 0
   Accepted Answers: Clay, Sand

5) Stream pattern changes from ________ to ________ near the mountain fronts, as it debouches on more planer ground.
   - Meander to straightened
   - Straight to braided
   - Braided to straightened
   - Straightened to meandering

   No, the answer is incorrect.
   Scale: 0
   Accepted Answers: Straightened to meandering

6) When a stream enters the standing water of the sea or a lake, its speed drops rapidly, its ability to transport sediment decreases, and it deposits its load, which causes formation of:
   - Delta
   - Sump
   - Floodplain
   - Abyssal fan

   No, the answer is incorrect.
   Scale: 0
   Accepted Answers: Delta

7) In contrast to braided rivers, meandering rivers typically contain one channel that winds its way across the floodplain and deposits sediment on bars that lie on the ________ of curves (point bar instead), and wind the banks on the ________ of curves.
   - inside, outside
   - outside, inside
   - outside, outside
   - inside, inside

   No, the answer is incorrect.
   Scale: 0
   Accepted Answers: outside, outside

8) In order to maintain a constant gradient, a river bed that is being deepened by downstream silt will cause an increase in ________.
   - Channel slope
   - Sediment
   - Incision
   - Sediment supply

   No, the answer is incorrect.
   Scale: 0
   Accepted Answers: Incision

9) Sand and gravel size particles move as ________, rolling or sliding down to the channel floor.
   - Dissolved load
   - Suspended load
   - Bed load
   - All of the above

   No, the answer is incorrect.
   Scale: 0
   Accepted Answers: All of the above

10) ________ are the boundaries on both side of the river providing the channelized flow within the river.
    - Terraces
    - Natural levees
    - Abandoned
    - Outdoor levees

   No, the answer is incorrect.
   Scale: 0
   Accepted Answers: Natural levees

Due on 2019-08-26, 23:59 IST.