Assignment 11

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

Due on 2020-04-15, 23:59 IST.

1. The line that demarcates adjacent drainage basins. 1 point

2. Natural Lenses
   - Pediment
   - Draining divide
   - Waterfall
   - Riverbed
   - The answer is incorrect. 1 point
   - Accepted Answer: Draining divide

3. Choose one incorrect statement regarding the dendritic drainage pattern:
   - It is common in mountainous and in flat lying areas
   - Due to strong resistance of rock heads, development of valley is negligible.
   - Irregular branching pattern (tree like) in many direction.
   - Development of parallel ridges, gullies on various slopes are commonly seen on gently sloping surface
   - The answer is incorrect. 1 point
   - Accepted Answer: Development of parallel ridges, gullies on various slopes are commonly seen on gently sloping surface

4. A _______ stream that develops later on, cutting the surface rocks and flows almost right angle to the original slope of the land
   - Subsequent
   - Consequent
   - Superficial
   - The answer is incorrect. 1 point
   - Accepted Answer: Subsequent

5. During the stream capture the direction of flow into new channel may leaves a _________ along a ridge.
   - Terraces
   - Wind gap
   - Fault scarps
   - Channel meander
   - The answer is incorrect. 1 point
   - Accepted Answer: Fault scarps

6. A channel with the index of its degree of irregularity along the base of escarpment:
   - Valley width/valley height ratio
   - Profile (cross-sectional) profiles
   - Longitudinal stream profiles
   - Meander Point Entrenchment
   - The answer is incorrect. 1 point
   - Accepted Answer: Meander Point Entrenchment

7. Mountain front stream order approaching ______ are considered to be the most ________.
   - 2, inactive
   - 3, active
   - 1, active
   - The answer is incorrect. 1 point
   - Accepted Answer: 3, active

8. A ________ are the triangular to polygonal shaped hilltops that lie between two adjacent drainages along the mountain front escarpment.
   - Peaks
   - Faults
   - Valleys
   - Alluvial fans
   - The answer is incorrect. 1 point
   - Accepted Answer: Peaks

9. Which of the following is not a possible indicator of active tectonics as far as geomorphic structures is concerned?
   - Local development of neotectonics
   - Local development of tectonic pattern
   - Local wadiing or remolding of channels
   - None of the above
   - The answer is incorrect. 1 point
   - Accepted Answer: None of the above

10. ________ values of SI, in series of relatively ________ resistance to erosion may be an indicator of recent vertical uplift.
    - High, low
    - Low, high
    - High, low
    - Low, low
    - The answer is incorrect. 1 point
    - Accepted Answer: High, low

11. Broad U shaped valleys with valley floor width to valley height ratios values _______ than 1.0 indicate major lateral erosion, due to the ________ orbital or secular quiescence.
    - Lower, stability
    - Greater, instability
    - Greater, instability
    - Lower, instability
    - The answer is incorrect. 1 point
    - Accepted Answer: Greater, instability