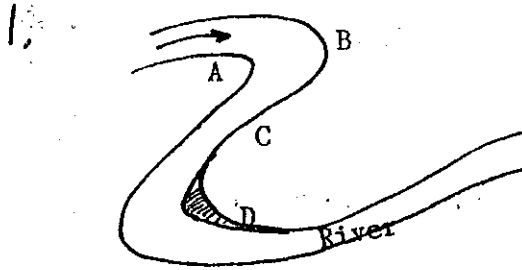


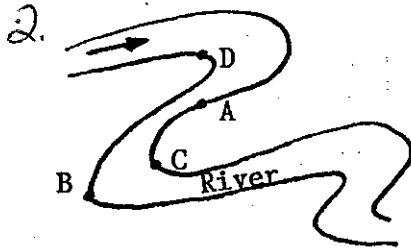
Landform Review

Name: _____



At which point in the meander illustrated in the drawing will most river bank erosion occur?

- [a] A
- [b] B
- [c] C
- [d] D



As the river meanders as in the diagram at the left, deposition of material will take place at

- [a] D, A
- [b] D, B
- [c] A, B
- [d] D, C

3. Which of the following is most likely not a factor in waterfall creation?

- [a] Hanging valley
- [b] Sill
- [c] Levee
- [d] Faulting

4. On very gradual downgrades soil creep works fastest

- [a] where soil meets bedrock
- [b] where soil is exposed to frequent wet - dry conditions
- [c] where areas of soil have a southerly aspect
- [d] at night

5. Huge landslides are usually caused by

- [a] The saturation of soils which have built up on slopes
- [b] Frost shattering and exfoliation
- [c] Long periods of drought dry out the soil causing slippage
- [d] Heavy trees growing on steep slopes

6. Which of the following is the least visible form of soil movement?

- [a] Landslide
- [b] Soil creep
- [c] Solution erosion
- [d] Wind erosion

7. Which of the following pairs of physical conditions have least in common?

- [a] Finger lakes and lateral moraines
- [b] Lateral moraines and hanging valleys
- [c] Aretes and wadis
- [d] Hanging valleys and aretes

8. The presence of huge boulders on the prairies is an indication that

- [a] The area was at one time very mountainous
- [b] The area was at one time covered by a glacier
- [c] The area was hit by an astroid
- [d] The area was at one time under water

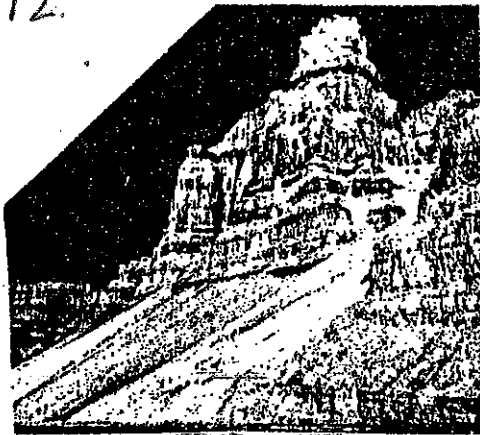
9. Which of the following physical features are associated with high altitudes or high latitudes:

- [a] Barchans
- [b] Ergs
- [c] Arêtes
- [d] Playa lakes

10. Which of the following processes is essential to the water cycle?
[a] Conduction [b] Evaporation [c] Exfoliation [d] Denudation []

11. The Winnipeg Floodway was created to
[a] Provide irrigation for farmland outside Winnipeg
[b] Direct floodwater around Winnipeg
[c] Provide a recreation facility to attract tourists
[d] Provide a transportation route around a shallow area of the Red River []

12.



The picture at the left is a good illustration of which of the following features ?

- [a] Alluvial fan
- [b] Talus slope
- [c] Mass wastage
- [d] Hamada []

13. Which of the following is not associated with wind erosion ?
[a] Loess [b] Barchan [c] Seif Dune [d] Striations. []

14. Which of the following features is not associated with glacial erosion ?
[a] Stacks [b] Erratics [c] Arêtes [d] Truncated spurs []

15. These features are common in delta areas :
[a] Atolls [b] Levees [c] Stalactites [d] Rapids []

16. River deltas are generally
[a] Salty and infertile [b] Fertile and dry
[c] Moist and fertile [d] Wet and infertile []

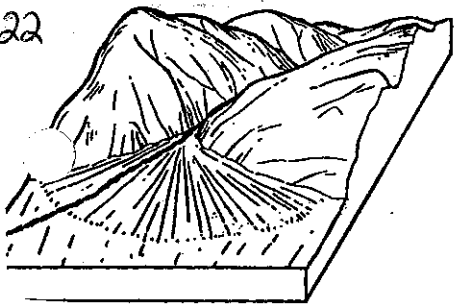
17. Which of the features listed below is not typical of a limestone cave ?
[a] Flowstone [b] Curtain [c] Wadi [d] Stalagmite []

18. Swallow holes are features of
[a] Tundra bogs [b] Mountain glaciers [c] Ocean trenches [d] Sedimentary rock []

19. Loess , a fertile soil , is the creation of
[a] Water erosion [b] Wind erosion [c] Glaciation [d] Modern man []

20. Glacial abrasion takes place
[a] On the sides where two glaciers slide past each other
[b] On the top between the ice and the wind
[c] Only at the forward edge of the glacier
[d] Between the bottom of the glacier and the surface over which it is passing []

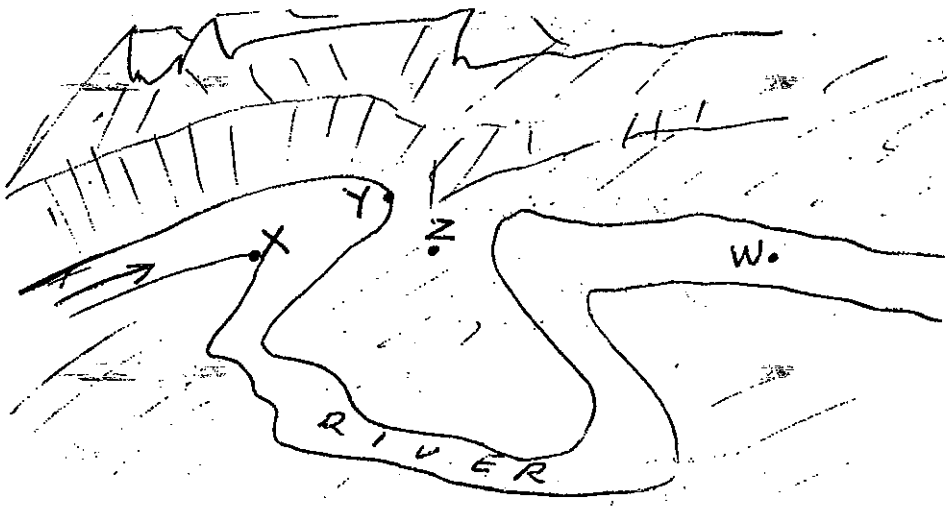
21. Which of the following physical features have nothing in common with the others?
[a] Striations [b] Moraines [c] Ergs [d] Cirques []



The diagram at the left illustrates a (an)
 [a] cirque
 [b] horn
 [c] hamada
 [d] alluvial fan

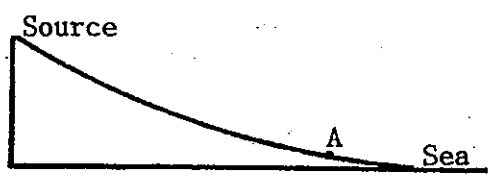
[]

The illustration below to be used in answering questions 23 - 25



- 23. In reference to the river illustration above , at which point is sediment deposition likely to occur?
 [a] W [b] X [c] Y [d] Z []
- 24. At which point is mass wastage most likely to occur?
 [a] W [b] X [c] Y [d] Z []
- 25. The safest place to build a cabin would be at
 [a] W [b] X [c] Y [d] Z []
- 26. Coastal erosion is the creator of this feature:
 [a] Tombolo [b] Lagoon [c] Atoll [d] Loess []
- 27. As a glacier recedes it may leave behind
 [a] Sills , dikes , moraines [b] Moraines , Ribbon Lakes , Tombolos
 [c] Ribbon Lakes , Eskers , Drumlins [d] Drumlins , Eskers , Dikes []
- 28. In arid regions , the valleys that carry the flash floods from occasional downpours are called
 [a] Levees [b] Wadis [c] Playas [d] Hamadas []
- 29. Artesian wells are drilled through an impermeable rock layer into a (an)
 [a] Aquifer [b] Moraine [c] Cirque [d] Fault []
- 30. Which of the following landforms or features are we unlikely to see in the youth stage of a river?
 [a] Gorge [b] Waterfall [c] Flood plain [d] arête []

317.



In the diagram at the left , at point A in the river's age , which of the following are you more likely to find ?

[a] Oxbow lake
 [b] Delta
 [c] Pothole
 [d] Gorge

[]

32. Which of the following depends mainly on gravity for their creation ?

- [a] Lagoons [b] Cirques [c] Screes [d] Hanging Valleys .

[]

33. Soil creep and landslides are variations of

- [a] Soil movement [b] Chemical decomposition [c] Soil conservation [d] Soil type

[]

34. When the drainage system of a river has one deep trench with smaller trenches spreading out like the veins on a leaf , the drainage system is called

- [a] Radial [b] Dendritic [c] Diurnal [d] Trellis .

[]

35. A river moves sand and gravel along in which of the following ways?

- [a] Solution [b] Suspension [c] Saltation [d] Abrasion .

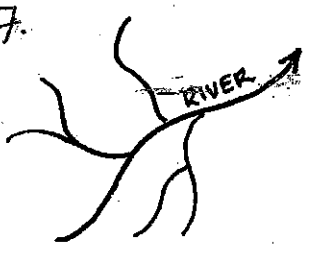
[]

36. At every stage in the river course , materials are being transported

- [a] in solution [b] in suspension
 [c] in bounce/ hop fashion [d] by pushing and rolling .

[]

37.



The region of land from which water drains into a river is its

- [a] Delta
 [b] Drainage basin
 [c] Aquifer
 [d] Erg .

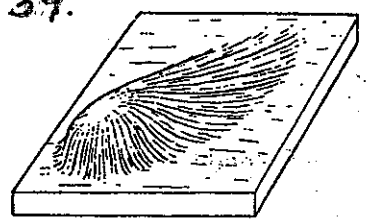
[]

38. Which of the following processes is not a direct actor in the levelling out of land?

- [a] Wind [b] Ocean currents [c] Frost shatter [d] Chemical weathering .

[]

39.



The drawing at the left illustrates which of the following landforms?

- [a] Esker
 [b] Drumlin
 [c] Cirque
 [d] Erg

[]

40. Which of the following features is associated with alpine glaciation?

- [a] Lateral moraine [b] Arête [c] Esker [d] Erg

[]

41. Chemical weathering is the main agent in the production of

- [a] Basalt [b] Clays [c] Salt [d] Scree .

[]