

15. Revision – Geomorphology

Geomorphology

1. Define the term Geomorphology.
2. Explain the term georelief.
3. Give 3 examples of georelief forms.
4. Explain the interaction between climate and changing relief.
5. Give 3 examples of disasters caused by different relief forms.
6. Define the term contour.
7. Draw a valley using contours and within the sketch, draw and label descent line, valley line, crest line and label the aspect of your drawn valley.
8. Great degree of vertical segmentation is typical for:
 South Asia East-European plain Hungary Amazon basin
9. Great degree of horizontal segmentation is typical for: (mark 2 possible answers):
 South-East Asia Africa Australia Europe

Geomorphological processes and landforms

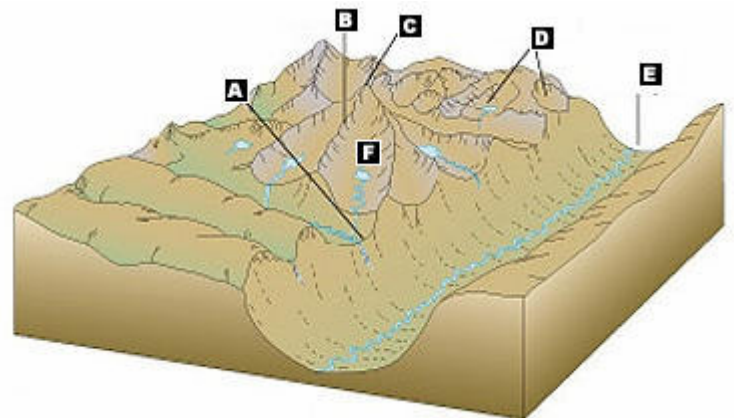
10. Give 2 examples of inner geomorphological (endogenic) processes.
11. Give 2 examples of outer geomorphological (exogenic) processes.
12. Name all the 3 parts of every exogenic process.
13. Write 1 difference between weathering and erosion.
14. Draw a cave and all the characteristics you can find in it.
15. Give 2 examples of granitic mountains.
16. Write 1 difference between a limestone and granite.

Rivers and fluvial landforms

17. What is the difference between abrasion and accumulation of a coast?
18. Explain the water erosion of soils.
19. Draw and describe ideal river profile and name individual parts of river flow.
20. Draw a cross-section of river channel and name all the features you can find in it.
21. What is the karst? Where can we find it usually?
22. Write the difference between dripstones and gorges.
23. Where (in which parts of a flow) can we find a waterfall?
24. Where (in which parts of a flow) can we find a meander?
25. Where (in which parts of a flow) can we find a river estuary?
26. Label the following picture. It will be shown in the small test :o)

Glacial landforms

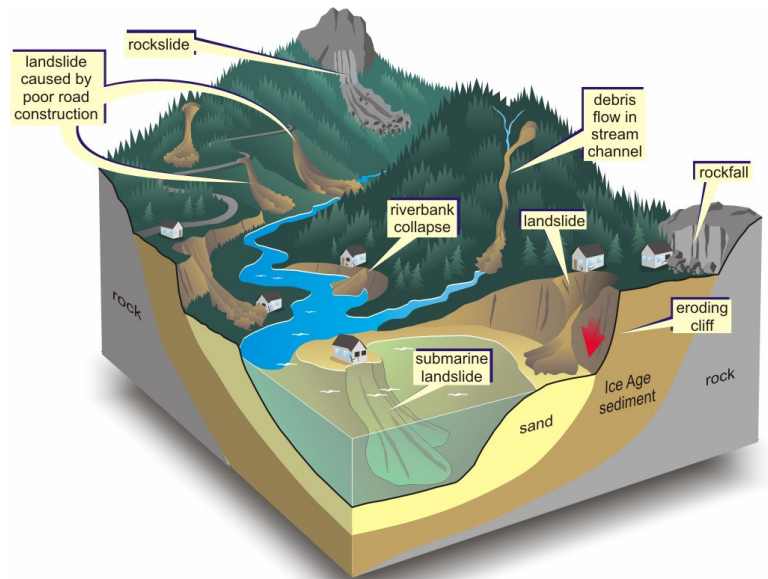
27. Label the following picture.
28. What is the difference between corrie and tarn?
29. Give 3 examples of mountains formed by glaciers.
30. Explain the term permafrost. Where does it occur?



31. Explain the term solifluction (soil creep).
32. Where does soilifluction occur normally?
33. What is a moraine?

Gravitational and eolian landforms

34. Label these mass movements according to the following picture.
35. Mudslides normally occur in:
 - Italy
 - Slovakia
 - Sweden
36. Rockfalls occur normally in:
 - mountainous areas
 - lowlands
 - river basins
37. Into blank map of the world, mark 2 examples of deserts.
38. Where did the latest mudflows occur in Europe last week/2 weeks ago?
39. Do you think the Earth will be destroyed by an asteroid in the future?



Biogenic and anthropogenic landforms

40. List 2 examples of biogenic landforms.
41. List 2 examples of anthropogenic landforms.
42. Why do people destroy the ir surrounding nature?
43. Give an example of artificial sea canal created by man.
44. Where can we find some coral islands?
45. Where is the largest coral reef located in the world?
46. Give 2 examples of anthropogenic processes contributing to nature destruction.

Types of georelief

47. Write 3 main morphographic types of georelief.
48. Write 2 examples of relief vertical levels.
49. Give an example of thrust and recumbent fold.
50. Give an example of:
 - a. mountains of volcanic origin
 - b. mountains of fault origin
 - c. mountains of fold origin