

35. Revision of hydrosphere and biosphere

1. What is hydrosphere?
 2. Write a difference between hydrology and oceanography.
 3. What is hydrogeography?
 4. Is there in the world more freshwater or saltwater?
 5. What is the approximate share of freshwater from the total volume of water on the Earth?
 6. How is it possible to consume more than 200 l of water per day?
 7. Give 1 argument why we call our planet Earth and not Ocean.
 8. Draw and describe small hydrological cycle.
 9. Draw and describe large hydrological cycle.
 10. How do rivers influence salinity of world's ocean?
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11. What is a world ocean?
 12. Which of the oceans is the largest? Locate in onto the blank map of the world.
 13. Which of the oceans is the longest? Locate in onto the blank map of the world.
 14. Which of the oceans is the coldest? Locate in onto the blank map of the world.
 15. Draw and describe the cross-section of oceanic floor.
 16. Write a difference between ocean and sea.
 17. Give 2 examples of marginal seas and locate them on the blank map of the world.
 18. Give 2 examples of inland (interior) seas and locate them on the blank map of the world.
 19. Write a difference between continental and abyssal sediments.
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20. Which parts of the world ocean have the highest temperature of sea surface? Locate them on the map.
 21. Which parts of the world ocean have the lowest temperature of sea surface? Locate them on the map.
 22. Define the term ocean salinity.
 23. What is the average ocean salinity? Explain the number.
 24. Choose 2 influencing factors of oceanic salinity and describe their impacts.
 25. Choose 1 example of factors influencing movement of oceanic water and describe its impacts.
 26. Choose 2 warm ocean currents and locate them on the blank map of the world.
 27. Choose 2 cold ocean currents and locate them on the blank map of the world.
 28. Why is ocean useful for the people?
 29. Which raw materials can be extracted from the ocean?
 30. Write how people contribute to pollution of oceans and seas.
 31. Write how people contribute to pollution of rivers.
 32. Do you think Greenpeace is useful organization?
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33. What is water of land mass?
 34. What could be the greatest reserves of the freshwater in the world? Where can we find it?
 35. Define the term drainage basin.
 36. Define the term watershed.
 37. Define the term water-level stage.
 38. Label drainage basin and watershed in the picture.
 39. Give 2 examples of tectonic lakes in the world.
 40. Give 2 examples of volcanic lakes in the world.
 41. Give 2 examples of glacial lakes in Slovakia.
 42. Give 2 examples of countries where glacial lakes can be found (except of Slovakia).
 43. What is the name for glacial lakes?
 44. Which freshwater lake in the world is the deepest?
 45. Write a difference between a lake and reservoir.
 46. Give 3 advantages of dams in general.

47. Write a difference between mountain glacier and ice sheet.
48. Write a difference between iceberg and glacier.
49. Where can we find mountain glaciers? Give 2 examples of these areas.
50. What is a karst?
51. Write a difference between thermal and mineral water.
52. Give 1 example of mineral water in Slovakia.
53. What are thermal waters used for? Give 2 examples of these locations in Slovakia.

54. What is biosphere?
55. Why there are few living organisms in mountains?
56. Define the term biogeography?
57. Write a difference between phytogeography and zoogeography.
58. Give 2 factors influencing the distribution of fauna and flora on the Earth.
59. Divide plants according to air temperature.
60. Divide plants according to light.
61. Divide plants according to air humidity.
62. Define the term ecosystem.

63. What are endemic species?
64. Give 2 examples of endemics in Australia.
65. Describe briefly rainforest ecosystem and give 2 examples of plant and animals living there.
66. Describe briefly savanna ecosystem and give 2 examples of plant and animals living there.
67. Describe briefly desert ecosystem and give 2 examples of plant and animals living there.
68. Describe briefly Mediterranean woodland ecosystem and give 2 examples of plant and animals living there.
69. Describe briefly steppe ecosystem and give 2 examples of plant and animals living there.
70. Describe briefly deciduous forest ecosystem and give 2 examples of plant and animals living there.
71. Describe briefly coniferous forest ecosystem and give 2 examples of plant and animals living there.
72. Describe briefly tundra ecosystem and give 2 examples of plant and animals living there.
73. Describe briefly oceanic ecosystem and give 2 examples of plant and animals living there.

74. Explain the pattern of flora vertical zonality in case of Kilimanjaro.
75. Explain the pattern of flora vertical zonality in Slovakia.
76. What is upper timberline?