

# The Slovak Republic – Revision questions 2

## Climate and weather

1. Characterize Slovakia in the global climatic perspective.
2. Name the seasons which we have in Slovakia.
3. What winds do you expect to influence Slovakia's climate?
4. Explain what factors influence the climate the most and why.
5. What is the result of Slovakia located at the so-called polar front?
6. What stationary air masses influence the climate of Slovakia?
7. What is the weather like during summer under the conditions of cyclone?
8. What is the weather like during summer under the conditions of anticyclone?
9. What is the weather like during winter under the conditions of cyclone?
10. What is the weather like during winter under the conditions of anticyclone?
11. Describe the temperature pattern in Slovakia.
12. Give 3 examples of area with the lowest average temperature.
13. Give 3 examples of area with the highest average temperature.
14. Describe the precipitation pattern in Slovakia.
15. Give 3 examples of area with the lowest average precipitation.
16. Give 3 examples of area with the highest average precipitation.
17. Characterize the warmest month in Slovakia.
18. Characterize the coldest month in Slovakia.
19. Count the local temperature in Strážavy (410 m asl.) if the temperature in nearby Mt. Grúň (1100 m asl.) is 12°C.
20. Count the local temperature in Mt. Kľačianska Magura (1367 m asl.) if the temperature in nearby Lipovec commune (510 m asl.) is 23°C.
21. Which slopes of the Slovak mountains are damper? Explain why.
22. Characterize the warm climatic region in Slovakia.
23. Characterize the moderate climatic region in Slovakia.
24. Characterize the cold climatic region in Slovakia.
25. What is the direction of the most prevalent winds? How do we call these winds?
26. Give at least 3 areas heavily affected by the air pollution and justify your answer.
27. What human activity pollutes the air the most?
28. What type of climatic zone in Slovakia does your municipality belong to?

## Hydrology

29. Describe the distribution of the main European watershed.
30. Which sea-drainage basins do majority of the Slovak rivers belong to?
31. What is the division of the Black sea-drainage basin in Slovakia?
32. What country does Danube rise in? Name this area.
33. What Danube tributaries are the greatest ones?
34. Where does Váh have its spring? Name those springs.
35. Give 2 examples of right-bank tributaries of river Váh.
36. Give 2 examples of left-bank tributaries of river Váh.
37. Name and locate the most significant tributaries of Laborec.
38. Name and locate the most significant tributaries of Morava.
39. Name and locate the most significant tributaries of Slaná.
40. Name and locate the most significant tributaries of Hornád.
41. Which rivers represent the natural borders of Slovakia? Locate them on the map.
42. Describe the mountainous river regime occurring.
43. Describe the snowmelt (upland) river regime occurring.
44. Describe the lowland river regime occurring.
45. Which river is the longest in Slovakia? What is its length?
46. What is the most common origin of lakes?
47. Give 4 examples of tarns.
48. Give 4 examples of water reservoirs in (west/central/east) Slovakia.
49. What sort of relief do the mineral and thermal waters emerge in?
50. Give 4 examples of mineral waters in Slovakia.
51. Give 4 examples of thermal waters (spas) in Slovakia and locate them on the map.
52. Give 2 examples of aquaparks in Slovakia.
53. What human activity pollutes the groundwater the most?
54. Which rivers are polluted the most?
55. Name and locate the greatest freshwater reservoir in Slovakia.