

The program of entrance exam in the discipline "General and historical geology" to the magistracy in the specialty 6M070600 "Geology and exploration MD"

1. The subject and objects of geology
2. General information about the Earth
3. The structure, properties and composition of the Earth
4. The main stages of the evolution of the Earth
5. Methods for determining the relative age of rocks
6. Methods for determining the absolute age of rocks
7. Geological processes
8. The relationship and interdependence of geological processes
9. Magmatism
10. The relationship of minerals with magmatism
11. Exogenous geological processes
12. Geological activity of exogenous agents
13. Geological activity of the wind (aeolian processes)
14. Geological activity of surface waters
15. The lake and their geological activities
16. Swamps and their geological activities
17. Useful minerals of lake-bog deposits
18. Geological activity of groundwater
19. Types of water in rocks
20. The reservoir properties of rocks
21. Origin and composition of groundwater
22. Groundwater conditions
23. Landslides and landslides
24. Groundwater in permafrost areas
25. Mud volcanism
26. Geological activity of glaciers
27. Ice crust
28. Geological activities of the sea
29. Land and water distribution
30. Physico-chemical characteristics and the organic world of the world the ocean
31. The movement of the waters of the oceans
32. Destructive work of the sea
33. Transfer of destruction products
34. Precipitation accumulation
35. The formation of sedimentary rocks
36. Stages of lithogenesis
37. The concept of facies and formations
38. General characteristics of metamorphism factors
39. Tectonic movements of the earth's crust
40. Classification of tectonic movements
41. Forms of sedimentary rocks
42. Plicative dislocations (folded disorders)
43. Disjunctive dislocations (discontinuous violations)
44. Elements of bedding
45. Formation and development of the Earth's crust of continents
46. The main structural elements of the earth's crust

Head Chair

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