



Instructions: Please answer these questions:

1. Where did the Bear River cut through the Portneuf Range? _____
2. What is the name of the valley where Lake Thatcher was located? _____
3. a) What is the name of the location where the Bonneville Flood water emptied back into the Snake River east of Milner Dam? _____ b) What is the name of the location where the Bonneville Flood water emptied back into the Snake River west of Milner Dam? _____
4. What is the age of the Portneuf Valley Basalt? _____
5. What is the name of the little community downstream of the Burley-Rupert area where dry potholes and waterfalls cut by the Bonneville flood are found, yet is miles from the Snake River? _____
6. What is the name of the lake that breached an alluvial dam just north of Red Rock Pass 14,500 years ago? _____
7. What is the name of the river located in the southeastern corner of Idaho, that probably drained northward through Gem Valley 2 million years ago, but currently flows north and then turns south and flows into Utah? _____
8. What is the name of the pass where the ancestral Bear River cut through the Bannock Range? _____
9. The Idavada Volcanics are found mainly in the _____ Snake River Plain.
10. The Glens Ferry Formation is composed of what kinds of sediments? _____
11. The eastern Snake River Plain aquifer is contained mainly in the rocks named the _____ Group.
12. The Idavada Volcanics are composed mainly of _____ and the Snake River Group is composed mainly of _____.
13. Basalt volcanic rock that covers a large portion of eastern Oregon, eastern Washington, and found in some of the valleys of western Idaho. _____
14. What is the 2.1 Ma rhyolitic ignimbrite called that erupted from the Yellowstone volcanic field called? _____
15. There are some dacite and andesite volcanic rocks and tuffs exposed in a large area from Ketchum east to Mackay and northeast to Salmon that are Eocene in age. What are they called? _____
16. The two lobes of the Idaho batholith are called the _____ lobe and the _____ lobe of the Idaho batholith.
17. One of the main differences between the western Snake River Plain and the eastern Snake River Plain is that there is thin cover of _____ on the eastern plain, but the western plain is covered with _____ sediments.
18. Of the precious minerals mined in Idaho, this industry in southeast Idaho produces the greatest amount of income for the state. _____