

1. Which combination of activities is depicted on the West Virginia State Seal?
  - A farming, mining, hunting
  - B farming, fishing, trading
  - C farming, mining, trapping
  - D mining, lumbering, fishing
  
2. Cranberry Glades is famous because:
  - A the glades border three states.
  - B the glades were the first region settled west of the mountains.
  - C the glades have arctic vegetation and animal life.
  - D the glades have tropical vegetation further north than any other place.
  
3. The Randolph County community of Helvetia was settled in 1869 by immigrants from:
  - A Switzerland
  - B Italy
  - C Germany
  - D Austria
  
4. Which of the following characteristics best describes the humid continental climate?
  - A long winters and short summers
  - B cold winters and cold summers
  - C mild, wet winters and hot, dry summers
  - D cold winters and hot summers

5. A study of the timber industry in West Virginia would establish all of the following, EXCEPT:
- A** It had a direct cause and effect relationship with the work of the 1930s Civilian Conservation Corps in the state.
  - B** The original forest was harvested in an environmental manner so as to generate a second growth harvest.
  - C** It was responsible for the establishment of many small communities, which ceased to exist after timber operations concluded.
  - D** It had its greatest harvest during the period of 1880-1930.
6. Blackwater Falls gets its name from its black-looking water, which its caused by:
- A** tannis from decomposing hemlocks and red spruce needles.
  - B** acid mine drainage from area coal mining activities.
  - C** the high percentage of bacteria in the river.
  - D** shade from the heavily forested riverbank and hillsides.
7. Which of the following statements BEST shows the role geography played in the sectionalism that developed between east and west in antebellum Virginia?
- A** Salt producers in the Kanawha Valley made use of slave labor, which brought a sharp decline in the slave population of eastern counties after 1830, angering plantation owners who depended on hired slaves to tend their cotton fields.
  - B** Western Virginia was hilly and poorly suited to the slave-supported plantation system that existed in the east, creating different economic systems in east and west.
  - C** Western Virginia was settled by independent-thinking Scots-Irish who became isolated from the rest of the country and developed a mountain culture that had nothing in common with eastern Virginia.
  - D** The Blue Ridge and Allegheny Mountains blocked settlers from moving westward from the Tidewater region, so none of the people who lived in western Virginia came from the eastern part of the state.

8. This ancient river, one of the largest in North America during the Ice Age, was responsible for the creation of the New River Gorge.

- A Teays River
- B Gauley River
- C Ohio River
- D Kanawha River

9.

According to census statistics released in 2008, West Virginia's four largest cities are:

- A Martinsburg, Beckley, Fairmont and Philippi
- B Charleston, Huntington, Wheeling and Parkersburg
- C Charleston, Huntington, Parkersburg and Morgantown
- D Charleston, Huntington, Martinsburg, and Wheeling

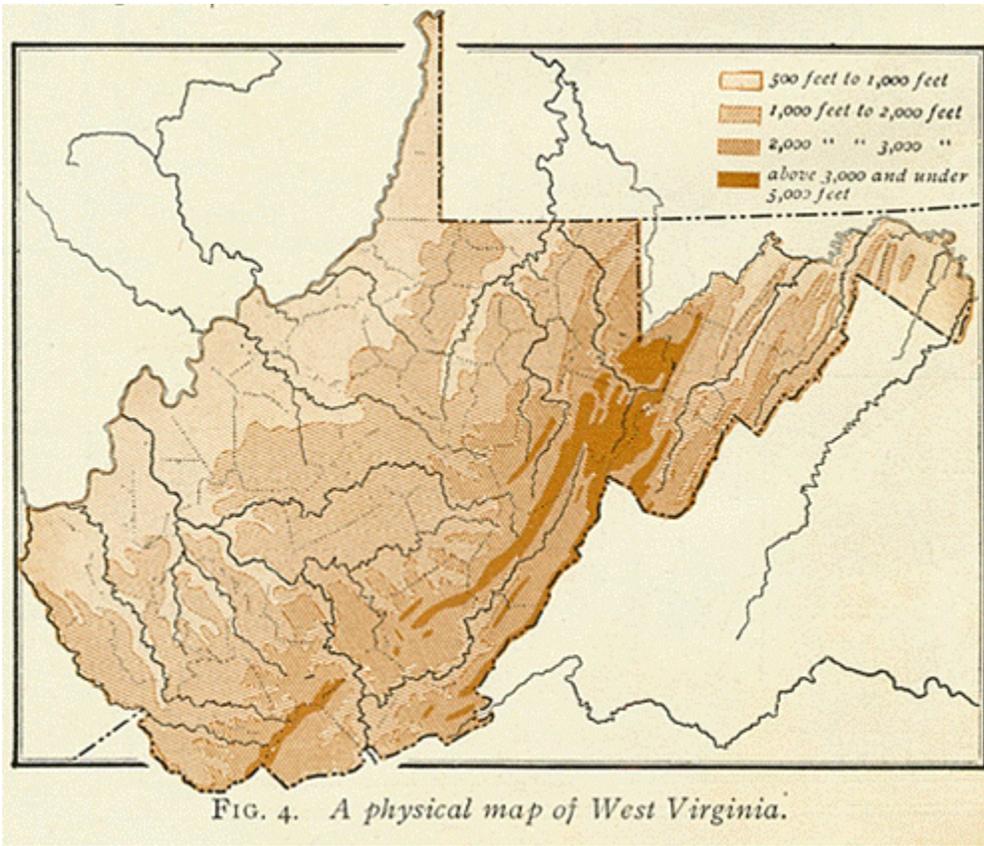
10. In 2009, a coal-fired power plant in Mason County began a carbon sequestration project. What does this project involve?

- A seizing coal from mine owners for use in the power plant
- B capturing carbon dioxide and converting it into nitrous oxide
- C capturing carbon dioxide and storing it underground to reduce greenhouse gases
- D silence gas sounds

11. Which of the following statements about pre-historic cultures in West Virginia is TRUE?

- A The Woodland Indians were hunters who invented the atlatl, a spear with Clovis point.
- B The Archaic Indians were the earliest nomadic people in the area and hunted mastodons and mammoths.
- C The Adena Indians built ceremonial burial mounds, including the one at Grave Creek.
- D The Paleo Indians were living in present-day West Virginia when European explorers first traveled into the area.

12.



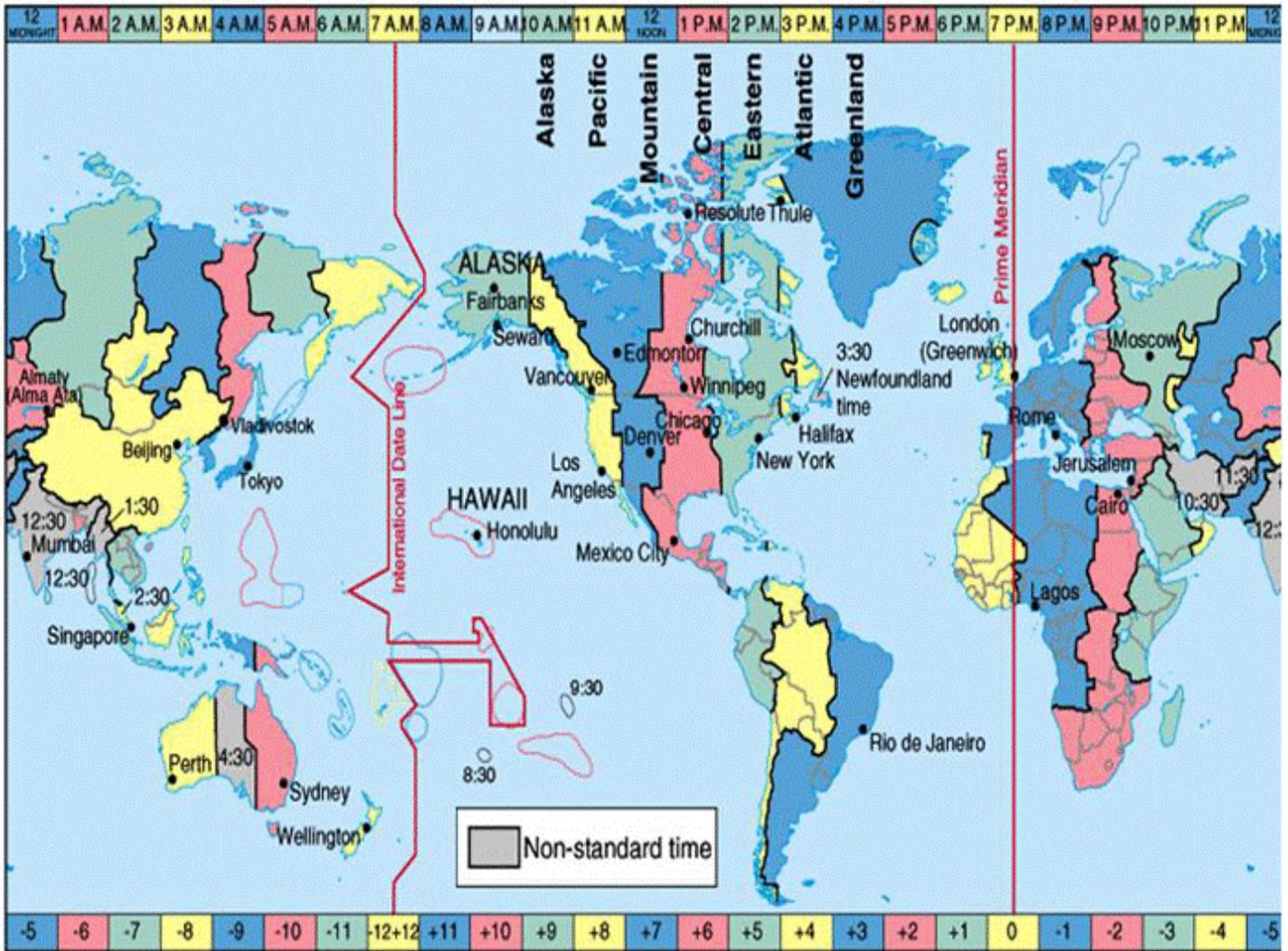
Source: M. P. Shawkey, *The Geography of West Virginia*, 1907

Use the Physical Map to answer the following question.

Based on this map, which geographical region has the highest percentage of land at an elevation of 1,000 feet or less?

- A Ohio River
- B Northern Panhandle
- C Potomac River
- D Warm Springs

13.



Charleston, West Virginia, shares the same time zone as which of the following major world cities?

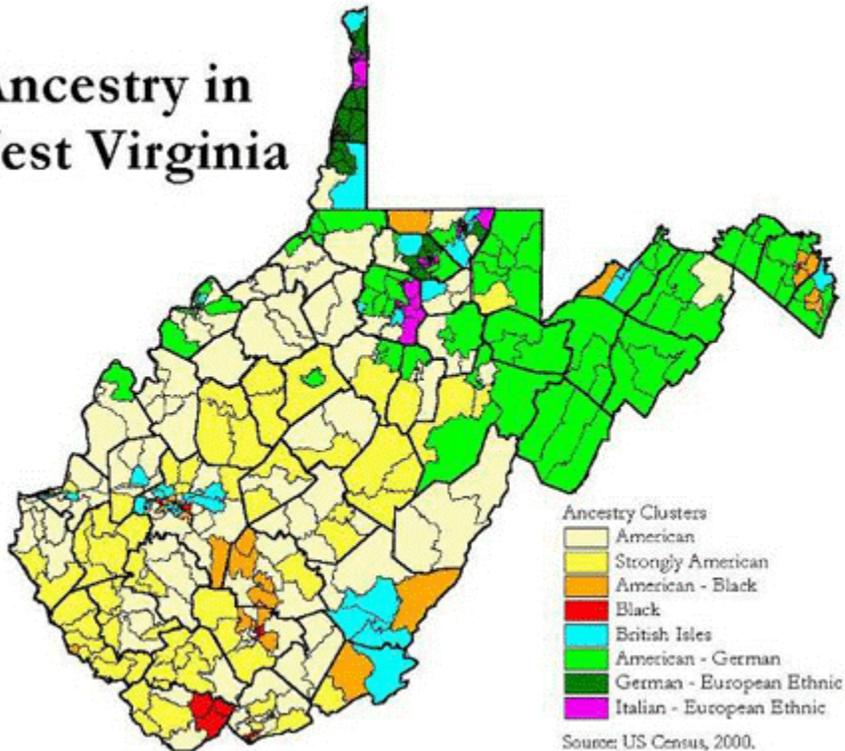
- A Caracas, Venezuela
- B Lisbon, Portugal
- C London, England
- D Havana, Cuba

14. Interest in Marcellus shale natural gas deposits has grown dramatically in recent years because of technological development that:

- A permits construction of a single transcontinental pipeline.
- B relies on horizontal drilling and hydraulic fracturing methods.
- C uses the room and pillar method.
- D permits capture of natural gas in balloons.

15.

## Ancestry in West Virginia



Use the Ancestry Map from the U.S. Census Bureau to answer the following question. What historical factor BEST explains the black presence in McDowell County?

- A use of slave labor in the salt industry before the Civil War.
- B recruitment of blacks for work in the timber industry.
- C use of slave labor on large plantations.
- D recruitment of blacks for work in the coal industry.

16. Which of the following arguments might convince someone to support mountaintop removal?
- A Mountaintop removal raises the risk of flooding.
  - B Mountaintop removal causes a short-lived disturbance, but the area is quickly reclaimed.
  - C Mountaintop removal causes a decline in woodland areas and species.
  - D Blasting to remove mountaintops creates dust and damages nearby homes.
17. The construction of which of these roads was important to the growth of the of pre-Civil War western Virginia?
- A Northwestern Turnpike
  - B Route 66
  - C West Virginia Turnpike
  - D Natural Road
18. In 2007, chemical company DuPont Corporation was found guilty in a trial involving hazardous wastes left at the former Harrison County site of:
- A a Teflon plant
  - B a coal mine
  - C a zinc-smelting plant
  - D a munitions factory
19. One of the themes of geography is human and environmental interactions. Which of the following geographic description/human use correlations demonstrates this theme best?
- A The average monthly temperature in July is 74 degrees. / The New and Gauley rivers attract many whitewater rafting enthusiasts each year.
  - B More than 75 percent of the state is forested. / Each year, more than 1 billion board feet of timber is cut in West Virginia.
  - C The Kanawha drainage basin flows westward. / The state capital was moved from Wheeling to Charleston.
  - D The state contains plentiful quantities of silica-rich sand. / Chemical plants were established in the Kanawha Valley and other parts of the state.