Topographic map quiz

Multiple Choice
Identify the choice that best completes the statement or answers the question.

____ 1. On a topographic map, contour lines that form a circle indicate a(n) ____.
   a. lake            c. hill
   b. ocean           d. depression

____ 2. In Figure 1-2, what is the distance from point B to point C?
   a. 4 miles          c. 5 kilometers
   b. 6 miles          d. 4 kilometers

____ 3. In Figure 1-2, what is the contour interval of the map?
   a. 10 feet          c. 100 feet
   b. 50 feet          d. 25 feet

____ 4. In Figure 1-2, what is the approximate difference in elevation between point E and point D?
   a. 7500 feet        c. 750 feet
   b. 1000 feet        d. 1500 feet

____ 5. In Figure 1-2, what is the elevation of Sugar Loaf Mountain?
   a. 11,300 feet      c. 1130 feet
   b. 15,000 feet      d. 10,000 feet

____ 6. A contour interval is the
   a. difference in elevation between one contact line and the next.
   b. difference in color between one contour line and the next.
   c. difference in rock age between one geologic unit and the next.
   d. difference in elevation between one contour line and the next.

____ 7. What is the term that describes a specific location’s height above sea level?
   a. relief            c. topography
   b. contour           d. elevation

____ 8. What is an isogram on a map?
a. a point representing the unique value of a quantity in an area
b. a line representing the difference in elevation in two areas
c. a line representing an equal value of a quantity given
d. an area representing a range of temperatures

9. The highest elevation on this topographic map can be no more than about:
   a. 25 meters          c. 45 meters
   b. 34 meters          d. 49 meters

Matching

Match each item with the correct term below:

a. a volume of rock of a given type and age range
b. height above sea level of land or an object
c. size and shape of Earth’s surface features
d. line connecting points of equal elevation on a map
e. difference between the highest and lowest elevations

10. contour line
11. topography
12. relief
13. geologic unit
14. elevation
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Answer Section

MULTIPLE CHOICE

1. ANS: C   PTS: 1   DIF: L1   OBJ: 1.8
2. ANS: A   PTS: 1   DIF: L1   OBJ: 1.8
3. ANS: B   PTS: 1   DIF: L1   OBJ: 1.8
4. ANS: C   PTS: 1   DIF: L2   OBJ: 1.8
5. ANS: A   PTS: 1   DIF: L2   OBJ: 1.8
6. ANS: D   PTS: 1   DIF: 1   REF: 3   OBJ: 1
7. ANS: D   PTS: 1   DIF: 1   REF: 2   OBJ: 1
8. ANS: C   PTS: 1   DIF: 1   REF: 2   OBJ: 3
9. ANS: B   PTS: 1

MATCHING

10. ANS: D  PTS: 1   DIF: 1   REF: 3   OBJ: 1
11. ANS: C  PTS: 1   DIF: 1   REF: 3   OBJ: 1
12. ANS: E  PTS: 1   DIF: 1   REF: 3   OBJ: 1
13. ANS: A  PTS: 1   DIF: 1   REF: 3   OBJ: 2
14. ANS: B  PTS: 1   DIF: 1   REF: 3   OBJ: 1