Student name:\_\_\_\_\_\_\_\_\_\_

**1)** Which of the following was mentioned in the opening two-page spread of Chapter 1 (The Nature of Physical Geography)?

A) Volcanoes   
 B) Earthquakes  
 C) Climate  
 D) Water  
 E) All of these choices are correct

**Question Details**Bloom's : 1. Remember  
Section : 01.01 What Is Physical Geography?  
Gradable : automatic  
Accessibility : Keyboard Navigation  
Topic : What is Physical Geography

**2)** One of the main topics discussed in the opening two-page spread of Chapter 1 (The Nature of Physical Geography) was

A) the relevance of geography in our modern world.   
 B) that volcanoes have dramatically changed the atmosphere over time.  
 C) a huge meteorite impact caused the dinosaurs to become extinct.  
 D) All of these choices are correct.

**Question Details**Bloom's : 1. Remember  
Section : 01.01 What Is Physical Geography?  
Gradable : automatic  
Accessibility : Keyboard Navigation  
Topic : What is Physical Geography

**3)** What type of geographers concentrate on studying landforms and processes on Earth’s surface and in the oceans and atmosphere, and how they affect life?

A) Human geographers   
 B) Physical geographers  
 C) Religious geographers  
 D) Historical geographers

**Question Details**Bloom's : 1. Remember  
Section : 01.01 What Is Physical Geography?  
Gradable : automatic  
Accessibility : Keyboard Navigation  
Topic : What is Physical Geography

**4)** Which of the following is not a feature of what physical geographers study?

A) They do not study the impacts of spatial distributions of the natural environment on people.   
 B) They do not study the processes that created and changed the spatial distributions of natural features.  
 C) They do not study the interconnections between different aspects of the natural environment.  
 D) Physical geographers study all these.

**Question Details**Bloom's : 1. Remember  
Section : 01.01 What Is Physical Geography?  
Gradable : automatic  
Accessibility : Keyboard Navigation  
Topic : What is Physical Geography

**5)** Which of the following topics of study would best incorporate the holistic perspective?

A) The impact of political policies on soil erosion   
 B) The examination of soil grains under a microscope to identify the amount of pore space between grains  
 C) The degree to which soil particles expand when they are wet and contract when they dry out  
 D) The identification of the soil type from a sample collected in the field

**Question Details**Section : 01.01 What Is Physical Geography?  
Gradable : automatic  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : What is Physical Geography

**6)** Geography is

A) a natural science.   
 B) a social science.  
 C) both a natural and a social science.  
 D) neither a natural nor a social science.

**Question Details**Bloom's : 1. Remember  
Section : 01.01 What Is Physical Geography?  
Gradable : automatic  
Accessibility : Keyboard Navigation  
Topic : What is Physical Geography

**7)** The spatial perspective that distinguishes geography from other fields of study means

A) geographers use computers only after they examine maps.   
 B) geographers examine how the spatial features affect and are affected by non-spatial issues.  
 C) geographers use field work to report results.  
 D) geographers do not need to follow the scientific method when they solve research problems.

**Question Details**Section : 01.01 What Is Physical Geography?  
Gradable : automatic  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : What is Physical Geography

**8)** In looking only at the steepness of a slope, which of the following would a geographer be able to determine about that area?

A) The ethnicity of the human settlement which may have lived on the slope   
 B) The type of rock that might be present to form the soil  
 C) How far the location is from the equator  
 D) The strength of the wind at the location

**Question Details**Section : 01.01 What Is Physical Geography?  
Gradable : automatic  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : What is Physical Geography

**9)** The relationship between mountains and precipitation can be generalized by saying

A) mountaintops tend to have more precipitation in summer but less precipitation in winter than the surrounding lowlands.   
 B) mountaintops tend to have more precipitation in winter but less precipitation in summer than the surrounding lowlands.  
 C) mountaintops generally experience more precipitation than the surrounding lowlands.  
 D) mountaintops generally experience less precipitation that the surrounding lowlands.

**Question Details**Section : 01.01 What Is Physical Geography?  
Gradable : automatic  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : What is Physical Geography

**10)** The conceptual basis of geographic questions involves the notion that

A) the location of an object affects other features in the natural environment, but not the human environment.   
 B) the location of an object is affected by other features in the natural environment, but not the human environment.  
 C) the location of an object affects, and is affected by, other features in both the natural and human environment.  
 D) the location of an object is unique and largely unaffected by other features in both the natural and human environment.

**Question Details**Gradable : automatic  
Section : 01.02 How Do We Investigate Geographic Questions?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : Investigating Geographic Questions

**11)** Which of the following is an example of qualitative data?

A) A physical geographer measuring the time required for a plume of air pollution to reach a town   
 B) A physical geographer taking a census of the number of pine trees infested with a certain disease  
 C) A physical geographer monitoring the water temperature in a stream  
 D) A physical geographer noting the color of a soil

**Question Details**Gradable : automatic  
Section : 01.02 How Do We Investigate Geographic Questions?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : Investigating Geographic Questions

**12)** Which of the following is an example of quantitative data?

A) A physical geographer sketching the general appearance of a landscape   
 B) A physical geographer describing the shape of rock fragments  
 C) A physical geographer measuring the total rainfall from a storm  
 D) A physical geographer observing that the clouds are flat and blanket-like

**Question Details**Gradable : automatic  
Section : 01.02 How Do We Investigate Geographic Questions?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : Investigating Geographic Questions

**13)** A hypothesis is

A) a conclusion based on results of an investigation.   
 B) a proposed explanation developed before formal investigation.  
 C) a question developed that leads to an observation.  
 D) a strategy for solving a scientific problem.

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.02 How Do We Investigate Geographic Questions?  
Accessibility : Keyboard Navigation  
Topic : Investigating Geographic Questions

**14)** Once a hypothesis is rejected

A) an observation cannot be made.   
 B) the experiment fails.  
 C) it can be revisited in future studies.  
 D) the scientific method has been violated.

**Question Details**Gradable : automatic  
Section : 01.02 How Do We Investigate Geographic Questions?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : Investigating Geographic Questions

**15)** Which of the following shows the correct order for a scientific explanation?

A) observation → question→ hypotheses → predictions → results of investigation → conclusions   
 B) hypotheses → question → observation → predictions → results of investigation → conclusions  
 C) predictions → hypotheses → results of investigation → question → observation → conclusions

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.02 How Do We Investigate Geographic Questions?  
Accessibility : Keyboard Navigation  
Topic : Investigating Geographic Questions

**16)** The “sphere” that intersects with all the other spheres is the

A) atmosphere.   
 B) biosphere.  
 C) hydrosphere.  
 D) lithosphere.

**Question Details**Gradable : automatic  
Section : 01.03 How Do Natural Systems Operate?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : Natural Systems

**17)** The lithosphere refers to the

A) plastic-like interior of Earth that moves in response to heating from the interior.   
 B) molten lava that is ejected from volcanoes.  
 C) land part only of Earth.  
 D) solid upper part of Earth, including the crust and uppermost mantle.

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.03 How Do Natural Systems Operate?  
Accessibility : Keyboard Navigation  
Topic : Natural Systems

**18)** Of Earth’s four overlapping spheres, which of the following does NOT involve material above Earth’s surface?

A) Atmosphere   
 B) Lithosphere  
 C) Biosphere  
 D) Hydrosphere

**Question Details**Gradable : automatic  
Bloom's : 3. Apply  
Section : 01.03 How Do Natural Systems Operate?  
Accessibility : Keyboard Navigation  
Topic : Natural Systems

**19)** Of Earth’s four overlapping spheres, which of the following is (are) mostly between the lithosphere and atmosphere?

A) Atmosphere   
 B) Lithosphere  
 C) Biosphere  
 D) Hydrosphere  
 E) Both the biosphere and hydrosphere

**Question Details**Gradable : automatic  
Bloom's : 3. Apply  
Section : 01.03 How Do Natural Systems Operate?  
Accessibility : Keyboard Navigation  
Topic : Natural Systems

**20)** The difference between open and closed systems is that

A) open systems are not predictable but closed systems are.   
 B) open systems can acquire matter and energy, but closed systems cannot.  
 C) open systems are much simpler in terms of the number of interactions between objects in the system.  
 D) open systems occur on land and closed systems occur in the ocean.

**Question Details**Gradable : automatic  
Section : 01.03 How Do Natural Systems Operate?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : Natural Systems

**21)** When you shake fish food into in an aquarium, you are contributing to a(n)

A) open system.   
 B) negative feedback system.  
 C) positive feedback system.  
 D) closed system.

**Question Details**Gradable : automatic  
Bloom's : 3. Apply  
Section : 01.03 How Do Natural Systems Operate?  
Accessibility : Keyboard Navigation  
Topic : Natural Systems

**22)** A dynamic system refers to a system in which

A) motion causes the matter within the system to contain less energy than it would have contained when sitting still.   
 B) water molecules are constantly increasing in speed over time.  
 C) the first law of thermodynamics does not apply.  
 D) matter, energy, or both, are constantly changing their positions, amounts, or forms.

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.03 How Do Natural Systems Operate?  
Accessibility : Keyboard Navigation  
Topic : Natural Systems

**23)** A snowball that rolls down a hill, gradually gaining more and more mass and rolling faster and faster as it continues, is an example of a(n)

A) positive feedback system.   
 B) negative feedback system.  
 C) open system.  
 D) closed system.

**Question Details**Gradable : automatic  
Section : 01.03 How Do Natural Systems Operate?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : Natural Systems

**24)** Which of the following statements is true about the transfer of energy, matter, or momentum in the atmosphere?

A) Momentum is usually transferred from the surface upward.   
 B) Energy transfer occurs when water changes state between solid, liquid, or gas.  
 C) Matter is transferred so effectively that the spatial distribution of matter in the atmosphere is uniform.  
 D) No transfer of energy, matter, or momentum can occur in the polar part of the atmosphere.

**Question Details**Gradable : automatic  
Section : 01.04 What Are Some Important Earth Cycles?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : Earth Cycles

**25)** Name the cycle that describes water processes that occur on land, in the atmosphere, and in the oceans.

A) hydrologic   
 B) rock  
 C) spin  
 D) life

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.04 What Are Some Important Earth Cycles?  
Accessibility : Keyboard Navigation  
Topic : Earth Cycles

**26)** The hydrologic cycle includes all the following processes except

A) evaporation.   
 B) precipitation.  
 C) runoff.  
 D) uplift.

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.04 What Are Some Important Earth Cycles?  
Accessibility : Keyboard Navigation  
Topic : Earth Cycles

**27)** The most likely and direct consequence of a reduced rate of “burial” of sediment in the rock cycle would be

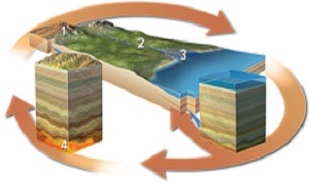
A) the delayed rate of formation of rock.   
 B) slower rates of uplift of rocks back to the surface.  
 C) more rapid deposition of more sediment.  
 D) increased rates of rock deformation.

**Question Details**Gradable : automatic  
Bloom's : 3. Apply  
Section : 01.04 What Are Some Important Earth Cycles?  
Accessibility : Keyboard Navigation  
Topic : Earth Cycles

**28)** In the rock cycle, sediment is stripped away and transported by the process of \_\_\_\_\_\_\_\_\_\_ *after* the process of \_\_\_\_\_\_\_\_\_\_ has taken place.

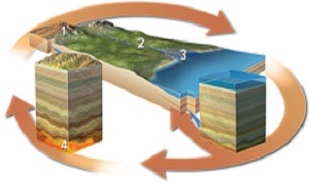
A) erosion; weathering   
 B) weathering; erosion  
 C) uplift; solidification  
 D) solidification; uplift

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.04 What Are Some Important Earth Cycles?  
Accessibility : Keyboard Navigation  
Topic : Earth Cycles

**29)** Which of the following locations would have weathering of bedrock or loose sediment?

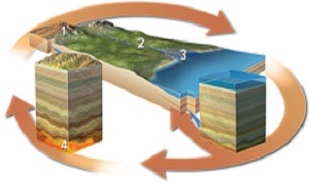
A) Location 1   
 B) Location 2  
 C) Location 3  
 D) Location 4  
 E) Locations 1 and 2

**Question Details**Gradable : automatic  
Section : 01.04 What Are Some Important Earth Cycles?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : Earth Cycles

**30)** Which of the following best indicates a location where sediment is transported?

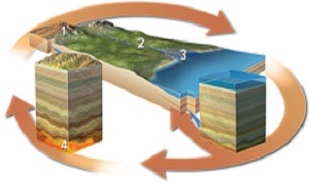
A) Location 1   
 B) Location 2  
 C) Location 3  
 D) Location 4

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.04 What Are Some Important Earth Cycles?  
Accessibility : Keyboard Navigation  
Topic : Earth Cycles

**31)** Which of the following best indicates a location where sediment is deposited but not eroded?

A) Location 1   
 B) Location 2  
 C) Location 3  
 D) Location 4

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.04 What Are Some Important Earth Cycles?  
Accessibility : Keyboard Navigation  
Topic : Earth Cycles

**32)** Which of the following settings would result in the formation of igneous rocks?

A) Location 1   
 B) Location 2  
 C) Location 3  
 D) Location 4

**Question Details**Gradable : automatic  
Section : 01.04 What Are Some Important Earth Cycles?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : The Rock Cycle

**33)** Which of the following does NOT list processes in an order consistent with a logical progression through the rock cycle?

A) weathering → erosion → deposition   
 B) solidification → melting → burial  
 C) erosion → deposition → burial  
 D) uplift → weathering → erosion  
 E) burial → metamorphism → melting

**Question Details**Gradable : automatic  
Bloom's : 3. Apply  
Section : 01.04 What Are Some Important Earth Cycles?  
Accessibility : Keyboard Navigation  
Topic : Earth Cycles

**34)** According to the rock cycle, sediment that is being transported by a river could become a metamorphic rock after

A) uplift and weathering.   
 B) melting and solidification.  
 C) deposition and burial.  
 D) solidification and uplift.

**Question Details**Gradable : automatic  
Bloom's : 3. Apply  
Section : 01.04 What Are Some Important Earth Cycles?  
Accessibility : Keyboard Navigation  
Topic : Earth Cycles

**35)** Uplift can occur during the rock cycle

A) only after deformation and metamorphism.   
 B) only after melting and solidification.  
 C) only after metamorphism or solidification.  
 D) at any point after burial.

**Question Details**Gradable : automatic  
Bloom's : 3. Apply  
Section : 01.04 What Are Some Important Earth Cycles?  
Accessibility : Keyboard Navigation  
Topic : Earth Cycles

**36)** The cycling of chemical substances throughout the biosphere is accomplished through

A) vertical transfer of momentum.   
 B) the first law of thermodynamics.  
 C) the rock cycle.  
 D) the work of living things and physical and chemical processes.

**Question Details**Gradable : automatic  
Section : 01.04 What Are Some Important Earth Cycles?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : Earth Cycles

**37)** One of the main roles of plants in biogeochemical cycles is to

A) reduce the rate of weathering.   
 B) decrease the amount of time that water remains in contact with rocks and soils.  
 C) extract carbon dioxide from the atmosphere.  
 D) harden the soils.

**Question Details**Gradable : automatic  
Section : 01.04 What Are Some Important Earth Cycles?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : Earth Cycles

**38)** The uppermost part of the oceans, as expressed by normal ocean waves, are in constant motion due to the effects of the

A) wind.   
 B) ultraviolet radiation.  
 C) gravity.  
 D) tides.

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.04 What Are Some Important Earth Cycles?  
Accessibility : Keyboard Navigation  
Topic : Earth Cycles

**39)** The most important agent for sculpting Earth is

A) blowing wind.   
 B) flowing water.  
 C) gravity.  
 D) wave action.  
 E) ultraviolet radiation.

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.04 What Are Some Important Earth Cycles?  
Accessibility : Keyboard Navigation  
Topic : Earth Cycles

**40)** The most direct example of an atmosphere-lithosphere exchange is

A) a forest being planted.   
 B) an active coral reef colony.  
 C) a volcanic eruption.  
 D) a wave breaking on a shoreline.

**Question Details**Gradable : automatic  
Section : 01.05 How Do Earths Four Spheres Interact?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : Earth Systems

**41)** In this diagram, the most likely place where sediment will be deposited on the streambed is at

A) A.   
 B) B.  
 C) C.  
 D) D.

**Question Details**Gradable : automatic  
Section : 01.05 How Do Earths Four Spheres Interact?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : Earth Systems

**42)** When the lithosphere and biosphere interact,

A) plants remove nutrients from the soil but return few if any nutrients to the soil.   
 B) plants return nutrients to the soil but remove few if any nutrients from the soil.  
 C) plants remove nutrients from the soil and return nutrients to the soil.  
 D) plants acquire their nutrients directly from the air so that they do not disturb the nutrient structure in the soil.

**Question Details**Gradable : automatic  
Section : 01.05 How Do Earths Four Spheres Interact?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : Earth Systems

**43)** All the following are likely effects of deforestation except

A) increased runoff into rivers and streams.   
 B) increased rate of soil erosion.  
 C) increased rate at which carbon dioxide is extracted out of the atmosphere.  
 D) increased rate of destruction of plant and animal habitats.

**Question Details**Gradable : automatic  
Section : 01.05 How Do Earths Four Spheres Interact?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : Earth Systems

**44)** All the following are typical effects of dam construction except

A) interruption of the normal seasonal variation in flows of water.   
 B) increased amount of sediment carried downstream of the dam.  
 C) disruption of natural ecosystems.  
 D) protecting towns from flooding.

**Question Details**Gradable : automatic  
Section : 01.05 How Do Earths Four Spheres Interact?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : Earth Systems

**45)** Geographic factors are important when considering environmental issues or when evaluating potential sites for a new agricultural area or business because

A) location and spatial distributions often affect environmental, social, or economic behavior.   
 B) the most important environmental issues and the advantages of sites for new agricultural areas or businesses are often the same across space.  
 C) environmental policies and zoning regulations seldom reference geographic factors.  
 D) it is seldom important to investigate environmental issues or evaluate potential sites from a holistic approach.

**Question Details**Gradable : automatic  
Bloom's : 3. Apply  
Section : 01.05 How Do Earths Four Spheres Interact?  
Accessibility : Keyboard Navigation  
Topic : Earth Systems

**46)** What type of map is shown here?

A) Shaded-relief map   
 B) Topographic map with contours  
 C) Satellite image  
 D) Geologic map

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.06 How Do We Depict Earths Surface?  
Accessibility : Keyboard Navigation  
Topic : Depicting Earth’s Surface

**47)** What type of map is used primarily to show the shape of the land by simulating light and dark shading on the hills and valleys?

A) Shaded relief map   
 B) Satellite image  
 C) Geology map  
 D) Topograph map

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.06 How Do We Depict Earths Surface?  
Accessibility : Keyboard Navigation  
Topic : Depicting Earth’s Surface

**48)** Shaded relief maps are most directly helpful in

A) determining the average annual climatic features across Earth’s surface.   
 B) identifying the shape of features of Earth.  
 C) representing the types of features on the surface of Earth.  
 D) “seeing through” the surface of Earth to the subsurface.

**Question Details**Gradable : automatic  
Section : 01.06 How Do We Depict Earths Surface?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : Depicting Earth’s Surface

**49)** What type of map is shown here?

A) Shaded-relief map   
 B) Topographic map with contours  
 C) Satellite image  
 D) Geologic map

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.06 How Do We Depict Earths Surface?  
Accessibility : Keyboard Navigation  
Topic : Depicting Earth’s Surface

**50)** Which type of map or diagram would best indicate elevation of the land surface?

A) Shaded-relief map   
 B) Satellite image  
 C) Topograph map  
 D) Stratigraphic section

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.06 How Do We Depict Earths Surface?  
Accessibility : Keyboard Navigation  
Topic : Depicting Earth’s Surface

**51)** What type of map depicts the shape of the land surface by showing the elevation of the land surface with a series of lines called contours?

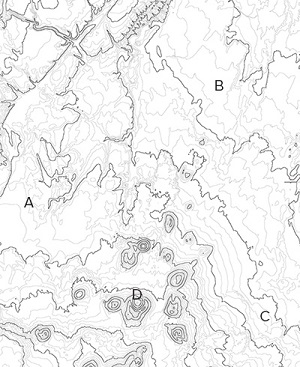
A) Topographic mpa   
 B) Satellite image  
 C) Shaded relief map  
 D) Geologic map

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.06 How Do We Depict Earths Surface?  
Accessibility : Keyboard Navigation  
Topic : Depicting Earth’s Surface

**52)** Topographic maps often have some contour lines that are darker than other contour lines. These darker lines are called

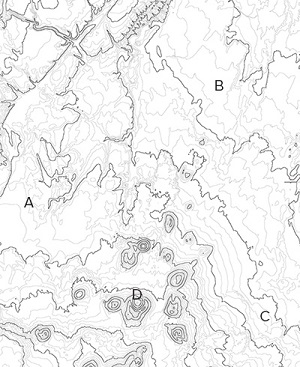
A) index controus.   
 B) contour intervals.

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.06 How Do We Depict Earths Surface?  
Accessibility : Keyboard Navigation  
Topic : Depicting Earth’s Surface

**53)** In this topographic map, the place with the greatest relief among the four choices is at  
   


A) A.   
 B) B.  
 C) C.  
 D) D.

**Question Details**Gradable : automatic  
Section : 01.06 How Do We Depict Earths Surface?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : Depicting Earth’s Surface

**54)** The most logical place to build a soccer or football field on the following map would be at  
   
 

A) A.   
 B) B.  
 C) C.  
 D) D.

**Question Details**Gradable : automatic  
Bloom's : 3. Apply  
Section : 01.06 How Do We Depict Earths Surface?  
Accessibility : Keyboard Navigation  
Topic : Depicting Earth’s Surface

**55)** Imagine three points on a topographic map that are located on the same side of a specific contour. These three locations all will have

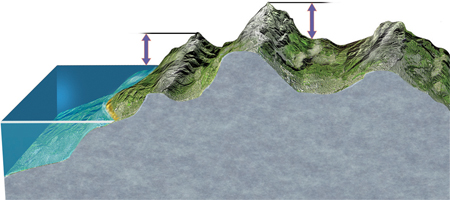
A) rocks of the same mineral composition, unless there is no index contour on the map.   
 B) elevations that are either all above or all below the elevation that the contour represents.  
 C) rivers and streams that run parallel to the contour line, while locations on the other side of that contour have rivers and streams that do not run parallel to the contour line.  
 D) a more similar climate than locations on the other side of that contour line.

**Question Details**Gradable : automatic  
Bloom's : 3. Apply  
Section : 01.06 How Do We Depict Earths Surface?  
Accessibility : Keyboard Navigation  
Topic : Depicting Earth’s Surface

**56)** A steep slope implies a

A) weak gradient and closely-spaced contours.   
 B) steep gradient and closely-spaced contours.  
 C) weak gradient and widely-spaced contours.  
 D) steep gradient and widely-spaced contours.

**Question Details**Gradable : automatic  
Section : 01.06 How Do We Depict Earths Surface?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : Depicting Earth’s Surface

**57)** In this diagram, the left arrow represents  
   


A) elevation and the right arrow represents relief.   
 B) relief and the right arrow represents slope.  
 C) elevation and the right arrow represents depth.  
 D) relief and the right arrow represents elevation.

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.06 How Do We Depict Earths Surface?  
Accessibility : Keyboard Navigation  
Topic : Depicting Earth’s Surface

**58)** Slopes that drop or rise sharply in elevation are

A) steep.   
 B) plains.  
 C) contours.

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.06 How Do We Depict Earths Surface?  
Accessibility : Keyboard Navigation  
Topic : Depicting Earth’s Surface

**59)** A gradient of .037 implies that

A) the slope will drop by 37 meters (or feet or inches) for every 1000 meters (or feet or inches) of horizontal distance.   
 B) there are .037 times as many index contours as there are other contours on the map.  
 C) the slope is steeper than another location with a gradient of .040.  
 D) neither a topographic nor a shaded-relief map can be constructed for the area because the gradient is too small.

**Question Details**Gradable : automatic  
Section : 01.06 How Do We Depict Earths Surface?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : Depicting Earth’s Surface

**60)** The meanings of elevation and relief imply that

A) elevation and relief are the same when the location is far inland.   
 B) elevation cannot be smaller than relief except when comparing areas below sea level.  
 C) relief must always exceed elevation in coastal areas but elevation must always exceed relief in mountainous areas.  
 D) the units of measurement of elevation must be different from the units of measurement of relief.

**Question Details**Gradable : automatic  
Bloom's : 3. Apply  
Section : 01.06 How Do We Depict Earths Surface?  
Accessibility : Keyboard Navigation  
Topic : Depicting Earth’s Surface

**61)** Which of the following is true of parallels?

A) Parallels run from north to south.   
 B) The highest degree label for meridians is 180°.  
 C) All points on a parallel are the same distance from the pole.  
 D) Parallels always follow great circles.

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.07 What Do Latitude and Longitude Indicate?  
Accessibility : Keyboard Navigation  
Topic : Latitude and Longitude

**62)** Which of the following is true of meridians?

A) Meridians run from east to west.   
 B) The highest degree label for meridians is 90°.  
 C) Meridians are always parallel to each other.  
 D) Meridians always follow great circles.

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.07 What Do Latitude and Longitude Indicate?  
Accessibility : Keyboard Navigation  
Topic : Latitude and Longitude

**63)** The significance of any great circle is that it always

A) connects two points on the surface of a sphere with the shortest distance.   
 B) follows the same line of latitude.  
 C) passes through the point where the equator intersects with the Prime Meridian.  
 D) passes through the North or South Pole.

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.07 What Do Latitude and Longitude Indicate?  
Accessibility : Keyboard Navigation  
Topic : Latitude and Longitude

**64)** Which of the following is an example of a small circle?

A) Prime Meridian   
 B) Tropic of Cancer  
 C) Equator  
 D) International Date Line

**Question Details**Gradable : automatic  
Section : 01.07 What Do Latitude and Longitude Indicate?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : Latitude and Longitude

**65)** If two places have the same latitude but different longitudes,

A) the two places are directly east or west of each other.   
 B) the two places are directly north or south of each other.  
 C) the places will be directly east or west of each other on some map projections but not others.  
 D) the places will be directly north or south of each other on some map projections but not others.

**Question Details**Gradable : automatic  
Bloom's : 3. Apply  
Section : 01.07 What Do Latitude and Longitude Indicate?  
Accessibility : Keyboard Navigation  
Topic : Latitude and Longitude

**66)** 0° of latitude is found at the \_\_\_\_\_\_\_\_\_, and 90° of latitude is found at the \_\_\_\_\_\_\_\_\_.

A) South Pole; North Pole   
 B) South Pole; Equator  
 C) Equator; North and South Poles  
 D) North Pole; Prime Meridian

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.07 What Do Latitude and Longitude Indicate?  
Accessibility : Keyboard Navigation  
Topic : Latitude and Longitude

**67)** The Prime Meridian separates

A) great circles from small circles.   
 B) the Northern Hemisphere from the Southern Hemisphere.  
 C) the Eastern Hemisphere from the Western Hemisphere.  
 D) places experiencing one day on the calendar from places experiencing another day on the calendar.

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.07 What Do Latitude and Longitude Indicate?  
Accessibility : Keyboard Navigation  
Topic : Latitude and Longitude

**68)** The number of degrees of longitude that a place has is derived from the angle formed by the place’s location on Earth surface,

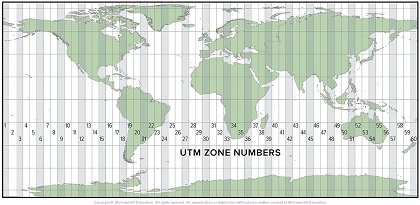
A) the center of Earth at the same latitude, and the North Pole (if in the Northern Hemisphere) or South Pole (if in the Southern Hemisphere).   
 B) the center of Earth, and the equator.  
 C) the center of Earth at the same latitude, and the Prime Meridian at the same latitude.  
 D) the center of Earth at the same latitude, and the International Date Line at the same latitude.

**Question Details**Gradable : automatic  
Section : 01.07 What Do Latitude and Longitude Indicate?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : Latitude and Longitude

**69)** The number of degrees of latitude that a place has is derived from the angle formed by the place’s location on Earth surface,

A) the center of Earth at the same latitude, and the North Pole (if in the Northern Hemisphere) or South Pole (if in the Southern Hemisphere).   
 B) the center of Earth, and the equator.  
 C) the center of Earth at the same latitude, and the Prime Meridian at the same latitude.  
 D) the center of Earth at the same latitude, and the International Date Line at the same latitude.

**Question Details**Gradable : automatic  
Section : 01.07 What Do Latitude and Longitude Indicate?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : Latitude and Longitude

**70)** This map is showing zone numbers associated with which coordinate system?

A) Universal Transverse Mercator   
 B) State Plane Coordinate System  
 C) Public Land Survey System

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.08 What Are Some Other Coordinate Systems?  
Accessibility : Keyboard Navigation  
Topic : Coordinate Systems

**71)** Which of the following coordinate systems is used outside of the United States?

A) Universal Transverse Mercator   
 B) State Plane Coordinate System  
 C) Public Land Survey System  
 D) All these are used outside of the United States.

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.08 What Are Some Other Coordinate Systems?  
Accessibility : Keyboard Navigation  
Topic : Coordinate Systems

**72)** In the State Plane Coordinate System, the rationale for dividing states into long, narrow zones is to

A) keep major highways in the same zone.   
 B) put as many as possible of the state’s cities in the same zone while keeping rural areas in different zones.  
 C) ensure that each zone falls into just one time zone.  
 D) minimize the distortion in drawing maps of the area.

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.08 What Are Some Other Coordinate Systems?  
Accessibility : Keyboard Navigation  
Topic : Coordinate Systems

**73)** The Public Land Survey System (PLSS) is not employed in states where

A) large rivers or lakes interrupt the rectangular pattern of townships.   
 B) settlement by the French resulted in different survey systems that pre-dated the PLSS.  
 C) mountains and other rugged terrain made it too difficult to survey the land.  
 D) there is little publicly-owned land.

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.08 What Are Some Other Coordinate Systems?  
Accessibility : Keyboard Navigation  
Topic : Coordinate Systems

**74)** In the Public Land Survey System (PLSS), beginning at the Principal Meridian, the land is subdivided into six-mile-wide, north-south strips of land called \_\_\_\_\_\_\_\_\_\_; beginning at the Base Line, the land is subdivided into six-mile-wide, east-west strips of land called \_\_\_\_\_\_\_\_\_\_.

A) northings; eastings   
 B) eastings; northings  
 C) townships; ranges  
 D) ranges; townships

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.08 What Are Some Other Coordinate Systems?  
Accessibility : Keyboard Navigation  
Topic : Coordinate Systems

**75)** In the Public Land Survey System (PLSS), a township labeled T3N, R1W indicates that it is

A) a one-mile by one-mile tract of land that is 3 townships north of the nearest base line and 1 range west of the nearest principal meridian.   
 B) a one-mile by one-mile tract of land that is 3 townships north of the nearest principal meridian and 1 range west of the nearest base line.  
 C) a six-mile by six-mile tract of land that is 3 townships north of the nearest base line and 1 range west of the nearest principal meridian.  
 D) a six-mile by six-mile tract of land that is 3 townships north of the nearest principal meridian and 1 range west of the nearest base line.

**Question Details**Gradable : automatic  
Bloom's : 3. Apply  
Section : 01.08 What Are Some Other Coordinate Systems?  
Accessibility : Keyboard Navigation  
Topic : Coordinate Systems

**76)** All map projections introduce at least some distortion because

A) it is impossible to represent a three-dimensional surface on a two-dimensional plane perfectly.   
 B) the best mathematical algorithms used in map projections have not been discovered yet.  
 C) Earth is not a perfect sphere.  
 D) Earth’s orbit around the Sun is not perfectly circular.

**Question Details**Gradable : automatic  
Section : 01.09 How Do Map Projections Influence the Portrayal of Spatial Data?  
Topic : Map Projections  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand

**77)** What do we call someone who makes maps?

A) Geographer   
 B) Surveyor  
 C) Cartographer  
 D) Engineer

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.09 How Do Map Projections Influence the Portrayal of Spatial Data?  
Topic : Map Projections  
Accessibility : Keyboard Navigation

**78)** An important strategy in choosing the correct map projection should always be to

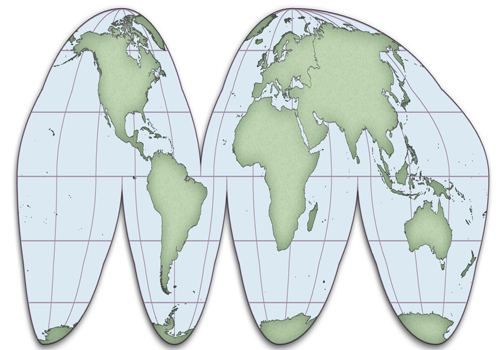
A) decide whether it is more important to show area of features or shape of features accurately.   
 B) minimize distortion in the part of the map that is most important for the application at hand.  
 C) determine whether distortion needs to be minimized at a single point on the map or along a linear area of the map.  
 D) All these are important strategies in choosing the correct map projection.

**Question Details**Gradable : automatic  
Section : 01.09 How Do Map Projections Influence the Portrayal of Spatial Data?  
Topic : Map Projections  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand

**79)** A conformal map projection is one that

A) is based on the idea of projecting the image on all or part of the globe onto a cone.   
 B) preserves (i.e., does not distort) the shapes of features such as countries or continents.  
 C) preserves (i.e., does not distort) the area of features such as countries or continents.  
 D) allows only one hemisphere or less of Earth’s surface to be shown on a map.

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.09 How Do Map Projections Influence the Portrayal of Spatial Data?  
Topic : Map Projections  
Accessibility : Keyboard Navigation

**80)** This map uses what type of map projection?  


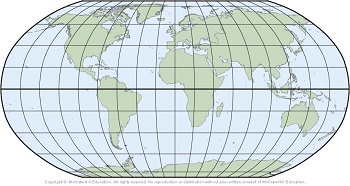
A) Cylindrical   
 B) Sinusoidal  
 C) Conical  
 D) Planar

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.09 How Do Map Projections Influence the Portrayal of Spatial Data?  
Topic : Map Projections  
Accessibility : Keyboard Navigation

**81)** Sinusoidal projections operate based on the premise that

A) distortion should be minimized in polar areas and maximized in equatorial areas.   
 B) the map can be interrupted in areas that are not important to show on a particular map, and distortion can be minimized in areas that are more important to show accurately.  
 C) parallels of latitude and meridians of longitude should intersect at right angles.  
 D) the globe is projected onto a cone, with minimized distortion along the arc or arcs where the cone intersects with the globe.

**Question Details**Gradable : automatic  
Section : 01.09 How Do Map Projections Influence the Portrayal of Spatial Data?  
Topic : Map Projections  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand

**82)** What type of map is the Mercator projection?

A) Cylindrical   
 B) Sinusoidal  
 C) Conical  
 D) Planar

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.09 How Do Map Projections Influence the Portrayal of Spatial Data?  
Topic : Map Projections  
Accessibility : Keyboard Navigation

**83)** If you need to show the entire Earth on a map, which of the following projections would you use?

A) Mercator   
 B) Sinusoidal  
 C) Polar stereographic  
 D) Robinson

**Question Details**Gradable : automatic  
Section : 01.09 How Do Map Projections Influence the Portrayal of Spatial Data?  
Topic : Map Projections  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand

**84)** Which of these types of map projections has only a single point at which no distortion is introduced?

A) Cylindrical   
 B) Sinusoidal  
 C) Conical  
 D) Planar

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.09 How Do Map Projections Influence the Portrayal of Spatial Data?  
Topic : Map Projections  
Accessibility : Keyboard Navigation

**85)** The detailed roads of a very small area, such as your neighborhood, would need to be shown on a map at what scale?

A) Large   
 B) Small

**Question Details**Gradable : automatic  
Section : 01.10 How Do We Use Maps and Photographs?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : Using Maps and Photos

**86)** You are reading a map and see the following: SCALE 1:24,000. What does that mean?

A) There is 1 error for every 24,000 data points on the map.   
 B) The map covers 24,000 meters across.  
 C) 1 inch on the map equals 24,000 inches on the surface.

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.10 How Do We Use Maps and Photographs?  
Accessibility : Keyboard Navigation  
Topic : Using Maps and Photos

**87)** The use of stereo pairs is important in creating maps because they

A) allow the scale to become smaller.   
 B) remove the distortions introduced by the map projection.  
 C) reveal the three-dimensional features of a landscape.  
 D) penetrate through the clouds that may have been present on the day when the aerial photograph was taken.

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.10 How Do We Use Maps and Photographs?  
Accessibility : Keyboard Navigation  
Topic : Using Maps and Photos

**88)** Base maps are useful because they

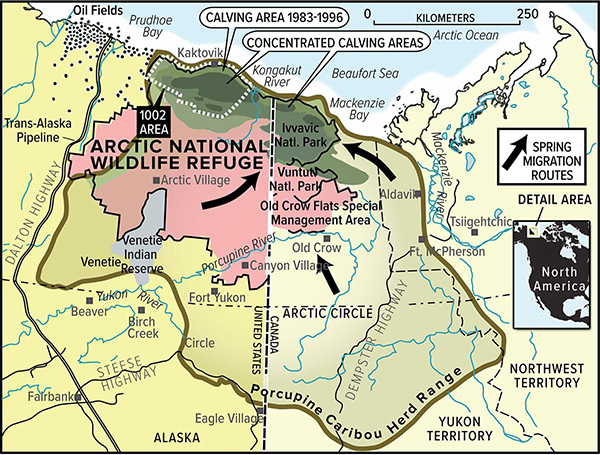
A) contain no distortions introduced by the map projection.   
 B) do not require stereo pairs for their construction.  
 C) avoid using Goode’s projection.  
 D) allow for the reporting of primary data on them.

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.10 How Do We Use Maps and Photographs?  
Accessibility : Keyboard Navigation  
Topic : Using Maps and Photos

**89)** Maps are secondary data sources when

A) they are used to provide an interpretation for addressing some other question.   
 B) they have undergone two or more revisions in order to enhance their accuracy.  
 C) they express coordinates not only in latitude-longitude but also in at least one other survey system.  
 D) they are available in both paper and online formats.

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.10 How Do We Use Maps and Photographs?  
Accessibility : Keyboard Navigation  
Topic : Using Maps and Photos

**90)** On this map, all the following would be considered “interpretations” except  
 

A) spring migration routes.   
 B) Ivvavic National Park.  
 C) concentrated calving areas.  
 D) porcupine caribou herd range.

**Question Details**Gradable : automatic  
Bloom's : 3. Apply  
Section : 01.10 How Do We Use Maps and Photographs?  
Accessibility : Keyboard Navigation  
Topic : Using Maps and Photos

**91)** Global positioning systems (GPS) can determine location by

A) measuring the time required for radio signals from four or more satellites to reach the receiver.   
 B) relating changes in detected radiation to changes in the position of the Sun.  
 C) continually measuring changes in angle to a stationary reference point, such as a streetlight, in the area of the receiver.  
 D) relating slight changes in magnetism and gravity to changes in the distance and direction of movement from the point at which the location of the receiver was last calibrated.

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.11 How Do We Use Global Positioning Systems and Remote Sensing?  
Accessibility : Keyboard Navigation  
Topic : GPS and Remote Sensing

**92)** Differential GPS is more useful than a handheld GPS when

A) portability and mobility is important.   
 B) the system is used in an isolated location far from a cellular telephone signal.  
 C) extremely precise measurements are needed.  
 D) two or more measurements are being taken simultaneously.

**Question Details**Gradable : automatic  
Section : 01.11 How Do We Use Global Positioning Systems and Remote Sensing?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : GPS and Remote Sensing

**93)** The difference between active and passive remote sensing systems is that

A) active systems involve the latest generation of satellites while passive systems use signals from older satellites.   
 B) active systems include aerial photography while passive systems rely on satellite imagery.  
 C) active systems can operate throughout cloud or fog cover while passive systems require clear sky conditions.  
 D) active systems emit their own energy while passive systems simply detect existing energy signals.

**Question Details**Gradable : automatic  
Section : 01.11 How Do We Use Global Positioning Systems and Remote Sensing?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : GPS and Remote Sensing

**94)** "Multispectral remote sensing" refers to

A) returning to the same site many times to analyze changes in the environment over time.   
 B) the use of many different types of satellites to detect environmental features at a place.  
 C) detecting energy at many wavelength bands of energy simultaneously.  
 D) the detection of features across a large part of Earth’s surface at the same time.

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.11 How Do We Use Global Positioning Systems and Remote Sensing?  
Accessibility : Keyboard Navigation  
Topic : GPS and Remote Sensing

**95)** If a researcher wanted to identify and map healthy vegetation using remote sensing, she would be most likely to use data that detects what type of energy?

A) Microwave   
 B) Near-infrared  
 C) Sonar  
 D) Thermal infrared

**Question Details**Gradable : automatic  
Bloom's : 3. Apply  
Section : 01.11 How Do We Use Global Positioning Systems and Remote Sensing?  
Accessibility : Keyboard Navigation  
Topic : GPS and Remote Sensing

**96)** The concept of overlay in geographic information systems (GIS) refers to the

A) incorporation of multiple types of digital spatial data (maps) in answering research questions.   
 B) constant, automatic updating of digital spatial data (maps) of the same type with newer data.  
 C) use of digital spatial data (maps) to identify what lies deep beneath Earth’s surface.  
 D) inclusion of a grid (such as latitude-longitude or universal Transverse Mercator) on a digital spatial dataset (map).

**Question Details**Gradable : automatic  
Section : 01.12 How Do We Use GIS to Explore Spatial Issues?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : GIS

**97)** The spatial interpolation features of a geographic information system (GIS) would be most useful when a researcher needs to

A) detect energy at a wavelength that is not detected directly by an existing satellite.   
 B) estimate data at a particular point where it has not been measured.  
 C) use a large-scale map but only a small-scale map of the area of interest is available.  
 D) identify the optimal route through an area.

**Question Details**Gradable : automatic  
Section : 01.12 How Do We Use GIS to Explore Spatial Issues?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : GIS

**98)** Which of the following is not a type of spatial distribution that can be assessed using geographic information systems (GIS)?

A) Clustered   
 B) Random  
 C) Regular  
 D) Irregular

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.12 How Do We Use GIS to Explore Spatial Issues?  
Accessibility : Keyboard Navigation  
Topic : GIS

**99)** If a geographer wanted to use a geographic information system (GIS) to study soil contamination and determined that only the areas within 1.5 kilometers of a toxic waste dump needed to be considered and mapped, he/she would be most likely to choose which type of GIS function?

A) Buffering   
 B) Kriging  
 C) Area calculation  
 D) Point-pattern analysis

**Question Details**Gradable : automatic  
Bloom's : 3. Apply  
Section : 01.12 How Do We Use GIS to Explore Spatial Issues?  
Accessibility : Keyboard Navigation  
Topic : GIS

**100)** Greenwich mean time (GMT) is a system of

A) coordinating the global rules for what time should appear on a clock.   
 B) determining what years should be considered leap years and which should not.  
 C) identifying the phase of the lunar cycle.  
 D) determining when daylight savings time should go into effect.

**Question Details**Gradable : automatic  
Section : 01.13 What Is the Role of Time in Geography?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : Time in Geography

**101)** The International Date Line (IDL) is located

A) at the equator.   
 B) in different places depending on the season.  
 C) at 180° longitude.  
 D) along the Prime Meridian.

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.13 What Is the Role of Time in Geography?  
Accessibility : Keyboard Navigation  
Topic : Time in Geography

**102)** If it is 9:00 a.m. in your time zone, two time zones west of you the clock will say

A) 7:00 a.m.   
 B) 11:00 a.m.

**Question Details**Gradable : automatic  
Bloom's : 3. Apply  
Section : 01.13 What Is the Role of Time in Geography?  
Accessibility : Keyboard Navigation  
Topic : Time in Geography

**103)** The purpose of Daylight Savings Time is to

A) allow an extra hour per day for crops to grow during the growing season, at the expense of an hour per day when crops are not in the ground.   
 B) provide an extra hour of daylight in the evening hours at the expense of an hour of daylight in the morning hours.  
 C) adjust for variations in the speed of Earth’s orbit around the Sun at different times of the year.  
 D) allow the Greenwich Mean Time system to represent the actual position of the Sun in the sky more accurately.

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.13 What Is the Role of Time in Geography?  
Accessibility : Keyboard Navigation  
Topic : Time in Geography

**104)** Rates in Earth system processes

A) span the range from very rapid to very slow.   
 B) are nearly always very slow.  
 C) are nearly always very fast.  
 D) can never be calculated accurately.

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.13 What Is the Role of Time in Geography?  
Accessibility : Keyboard Navigation  
Topic : Time in Geography

**105)** The formula to determine an object's average rate of movement is

A) distance/time.   
 B) time/distance.  
 C) time/speed.  
 D) speed/time.

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.13 What Is the Role of Time in Geography?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : Time in Geography

**106)** How much something changed, divided by the time required for the change to occur is, \_\_\_\_\_\_\_\_\_\_.

A) density   
 B) mass  
 C) volume  
 D) rate

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.13 What Is the Role of Time in Geography?  
Accessibility : Keyboard Navigation  
Topic : Time in Geography

**107)** If a stream flow measures 12 meters in 60 seconds, what is the stream's average rate of flow?

A) 2 m/s   
 B) 0.2 m/s  
 C) 0.5 m/s  
 D) 5 m/s

**Question Details**Gradable : automatic  
Bloom's : 3. Apply  
Section : 01.13 What Is the Role of Time in Geography?  
Accessibility : Keyboard Navigation  
Topic : Time in Geography

**108)** Which of these is the least important when deciding to create a concept sketch of a landscape?

A) The types of vegetation present   
 B) The topography  
 C) The types of rocks and sediments present  
 D) The distance to the nearest human structure

**Question Details**Gradable : automatic  
Section : 01.13 What Is the Role of Time in Geography?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : Concept Sketches

**109)** Which order is correct for the creation of a concept sketch?

A) Make a list of what to discuss → decide what to sketch → annotate your sketch   
 B) Annotate your sketch → decide what to sketch → make a list of what to discuss  
 C) Decide what to sketch → annotate your sketch → make a list of what to discuss  
 D) Annotate your sketch → make a list of what to discus → decide what to sketch

**Question Details**Gradable : automatic  
Section : 01.13 What Is the Role of Time in Geography?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : Concept Sketches

**110)** How much detail should you include in a concept sketch?

A) As much detail as you can squeeze into the space you have available   
 B) Just the basics, so other looking at it can fill in the rest for themselves  
 C) As much detail as you need to depict the features and explain the processes

**Question Details**Gradable : automatic  
Section : 01.13 What Is the Role of Time in Geography?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : Concept Sketches

**111)** The 416 Fire of 2018 near Durango, Colorado likely started due to

A) lightning.   
 B) an unattended campfire.  
 C) a lava eruption.  
 D) embers from a coal-burning train.

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.13 What Is the Role of Time in Geography?  
Accessibility : Keyboard Navigation  
Topic : Time in Geography

**112)** Officials and scientists used GIS during the 416 Fire of 2018 near Durango, Colorado to monitor the fire’s

A) size.   
 B) direction of movement.  
 C) proximity to infrastructure.  
 D) size, direction of movement, and proximity to infrastructure.

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.13 What Is the Role of Time in Geography?  
Accessibility : Keyboard Navigation  
Topic : Time in Geography

**113)** The monsoon that followed the 416 Fire of 2018 near Durango, Colorado, led to

A) debris flows.   
 B) floods.  
 C) more fires.  
 D) tornadoes.

**Question Details**Bloom's : 1. Remember  
Gradable : automatic  
Section : 01.13 What Is the Role of Time in Geography?  
Accessibility : Keyboard Navigation  
Topic : Time in Geography

**114)** What was the underlying cause for the large-scale damage associated with the 416 Fire of 2018 near Durango, Colorado?

A) Debris flows   
 B) Deforestation  
 C) Long-term drought  
 D) High elevations

**Question Details**Gradable : automatic  
Section : 01.13 What Is the Role of Time in Geography?  
Accessibility : Keyboard Navigation  
Bloom's : 2. Understand  
Topic : Time in Geography

**Answer Key**Test name: Chapter 01

1) E

2) A

3) B

4) D

5) A

6) C

7) B

8) B

9) C

10) C

11) D

12) C

13) B

14) C

15) A

16) B

17) D

18) B

19) E

20) B

21) A

22) D

23) A

24) B

25) A

26) D

27) A

28) A

29) E

30) B

31) C

32) D

33) B

34) C

35) D

36) D

37) C

38) A

39) B

40) C

41) D

42) C

43) C

44) B

45) A

46) A

47) A

48) B

49) B

50) C

51) A

52) A

53) D

54) B

55) B

56) B

57) A

58) A

59) A

60) B

61) C

62) D

63) A

64) B

65) A

66) C

67) C

68) C

69) B

70) A

71) A

72) D

73) D

74) D

75) C

76) A

77) C

78) D

79) B

80) B

81) B

82) A

83) C

84) D

85) A

86) C

87) C

88) D

89) A

90) B

91) A

92) C

93) D

94) C

95) B

96) A

97) B

98) D

99) A

100) A

101) A

102) A

103) B

104) A

105) A

106) D

107) B

108) D

109) A

110) A

111) D

112) D

113) A

114) C