

Phy geo

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Phy Geo Ch. 3 Test User | | Course | GEOG 101: Physical Geography(Spring 2013 - 40097) Online | Test | Chapter 3 Test | Started | 2/15/13 11: 03 PM | Submitted | 2/16/13 12: 34 AM | Status | Completed | Score | 60 out of 100 points | Time Elapsed | 1 hour, 30 minutes out of 1 hour and 30 minutes. | Instructions | | * Question 1 0 out of 5 points | | | The Mount Pinatubo eruption in June 1991 affected the atmosphere in the following wayAnswer | | | Selected Answer: | a worldwide decrease in surface temperatures occurred in the two years after the eruption. | Correct Answer: | All of these were effects of the eruption. | | | | * Question 2 0 out of 5 points | | | The people of La Paz, Bolivia can grow wheat and barely at an elevation of 4103 m (13, 461 ft) becauseAnswer | | | | Selected Answer: | daylength does not vary much at La Paz and this provides relatively uniform temperatures throughout the year. | Correct Answer: | La Paz is located fairly close to the equator and daylength does not vary much at La Paz and this provides relatively uniform temperatures throughout the year only | | | | * Question 3 5 out of 5 points | | | Which of the following is true regarding the specific heat of land and water? Answer | | | | Selected Answer: | Water can hold more heat energy than a comparable volume of rock. | Correct Answer: | Water can hold more heat energy than a comparable volume of rock. | | | | * Question 4 0 out of 5 points | | | The land surface cools off more rapidly at night than water does becauseAnswer | | | | Selected Answer: | the energy is stored in a shallow layer near the surface of the land, and so it can be radiated away faster. | Correct Answer: | all of these | | | | * Question 5 0 out of 5 points | | | Which of the following is true of the thermal equator during the month of July? Answer | | | | Selected Answer: | It trends

equatorward over continents and poleward over the oceans. | Correct

Answer: | It trends poleward over continents and equatorward over the

oceans. | | | | * Question 6 0 out of 5 points | | | The science that specifically

studies the climate at or near Earth's surface is Answer | | | | Selected

Answer: | micrometeorology. | Correct Answer: | meteorology. | | | | *

Question 7 5 out of 5 points | | | The relationship between the insolation

curve and the air temperature curve on a graph of daily surface

energy Answer | | | | Selected Answer: | exhibits a lag of several hours

between the plotted lines. | Correct Answer: | exhibits a lag of several

hours between the plotted lines. | | | | * Question 8 5 out of 5 points | | |

During summer, cities located near the coast are _____ than those in the

interior at the same latitude, while in the winter they are _____. Answer | |

| | | Selected Answer: | cooler; warmer | Correct Answer: | cooler; warmer

| | | | * Question 9 5 out of 5 points | | | Which of the following is true of

insolation? Answer | | | | Selected Answer: | All of these are true. | Correct

Answer: | All of these are true. | | | | * Question 10 5 out of 5 points | | | On

the average, which of the following is true regarding the distribution of

shortwave and longwave energy at Earth's surface by latitude? Answer | | | |

Selected Answer: | The distribution shows an imbalance of net radiation

from equator to poles. | Correct Answer: | The distribution shows an

imbalance of net radiation from equator to poles. | | | | * Question 11 5 out

of 5 points | | | Which of the following is true of the albedo of water? Answer |

| | | | Selected Answer: | It changes, depending upon the Sun angle. |

Correct Answer: | It changes, depending upon the Sun angle. | | | | *

Question 12 5 out of 5 points | | | Air temperature is a measure of the

presence of which of these? Answer | | | | Selected Answer: | sensible heat
| Correct Answer: | sensible heat | | | | * Question 13 0 out of 5 points | | |
Longwave radiation (+ LW) arriving at the surface Answer | | | | Selected
Answer: | comes from UV radiation reflected from the bottoms of clouds. |
Correct Answer: | comes primarily from infrared energy emitted by
greenhouse gases in the atmosphere. | | | | * Question 14 0 out of 5 points |
| | The amount of heat energy present in any substance is expressed as
its Answer | | | | Selected Answer: | temperature. | Correct Answer: |
sensible heat. | | | | * Question 15 5 out of 5 points | | | 6. 4C degrees/1000
m (3. 5F degrees/1000 ft) refers to Answer | | | | Selected Answer: | a
normal lapse rate. | Correct Answer: | a normal lapse rate. | | | | *
Question 16 5 out of 5 points | | | An increase in the earth's albedo
would Answer | | | | Selected Answer: | cool the planet. | Correct Answer: |
cool the planet. | | | | * Question 17 5 out of 5 points | | | Land has a _____
specific heat than water and therefore heats more _____. Answer | | | |
Selected Answer: | lower; quickly | Correct Answer: | lower; quickly | | | |
* Question 18 5 out of 5 points | | | The wind-chill index Answer | | | |
Selected Answer: | does not consider whether or not a person is engaged in
physical activity. | Correct Answer: | does not consider whether or not a
person is engaged in physical activity. | | | | * Question 19 5 out of 5 points |
| | The lowest natural temperature on Earth (-89. 2 degrees C, -128. 56
degrees F) was recorded at Answer | | | | Selected Answer: | Vostok,
Antarctica in July. | Correct Answer: | Vostok, Antarctica in July. | | | | *
Question 20 0 out of 5 points | | | Which of the following is not associated
with urban environments? Answer | | | | Selected Answer: | lower annual

mean wind speeds relative to surrounding rural areas | Correct Answer: |
higher relative humidity than that in surrounding rural areas | | | | Saturday,
February 16, 2013 12: 34: 30 AM PST