

REVIEW QUESTIONS – EARTH SYSTEMS TEST – UNIT 3

1. In a closed system the only thing that can enter or leave is?
2. The gaseous envelope that surrounds the earth is known as _____.
3. You are considered to be part of the earth's _____.
4. Where is most of the earth's fresh water located?
5. Is the earth an open or closed system?
6. Why is the earth not entirely a closed system?
7. The wearing down or the washing away of soil is called.
8. Lava from a volcano destroying a nearby forest is an example of what two spheres interacting?
9. A person breathing is an example of what two spheres interacting?
10. Name the four spheres (earth systems).
11. A test tube containing plant material and water is sealed and left in the sun light. This is an example of what?

12. A canyon that is formed when rocky ground is eroded by a river is an example of what two spheres interacting.
13. What is an event?
14. Where is the largest supply of liquid water on earth found?
15. What type of system are the earths spheres considered? Why?
16. What is a pause? What is the temperature change within a pause?
17. Which layer of the atmosphere is closest to the earth?
18. A commercial plane flies above the clouds in the lower level of the_____. Why?
19. Name the process by which plants release water into the atmosphere.
20. Where is the ionosphere located?
21. What is the ionosphere?
22. What is the temperature change in the Mesosphere as it goes further from the earth?
Why?
23. The exosphere is the layer closest to the sun and it has no clear boundary. (T or F)

24. Why does the stratosphere's temperature increase as it goes further from earth?
25. As altitude decreases the density of air _____.
26. The outermost layer of the earth is called the _____.
27. Why is the earth's core under extreme pressure?
28. What are the layers of the earth?
29. The ridge of land or the high points of land that serve as the boundary of a watershed is called the _____.
30. _____ is a form of heat transfer where no particles are needed.
31. Name three ways that carbon is returned to the atmosphere
32. A metal poker in a hot fire is what type of heat transfer process?
33. When you touch something hot and the heat moves from that object to your hand, this is known as _____.
34. _____ are the way heat is transferred in a fluid.

35. As you rise further out into the atmosphere (away from the earth) the air pressure _____.
36. As you move further with into the earth the pressure _____.
37. The ozone layer absorbs _____.
38. Radio waves are found in the _____.
39. How do the scientists know what the earth is made of if we are unable to reach the depths of the Earth?
40. The _____ is another name for the layer of the mantle that is molten rock.
41. Heat transfer in a solid is called _____.
42. Heat transfer in a liquid or gas is called _____.
43. A material that does not conduct heat well is known as a _____. Give an example.
44. The two types of crust are _____ and _____.
45. The _____ crust is more dense than the _____ crust.