**Video Review Question Set Earth Revealed – Earth’s Interior NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Watch the video and answer the following review questions.**

1. At what temperature does the soviet well penetrate at?

2. What examples of geophysics use to study the behavior of interior of earth?

3. Describe seismic waves.

4. How many dimensions do seismic waves travel at? List them.

5. True or False: Earthquakes aren’t the only source of seismic waves.

6. True or False: One can make artificial seismic waves at earth’s surface by other devices.

7. What layers is the earth made up of?

8. How large is the core.

9. True or False: Granitic rock is lying underneath the ocean basins.

10. How thick are the continents? And Oceanic?

11. What rocks are made up of continental crust?

12. True or False: Oceanic crust is more uniform than continental crust.

13. What are xenolith’s?

14. True or False: Gabbro rocks are produced with very lo silica.

15. What direction does a P-wave move?

16. What direction does the S-wave move?

17. What wave can pass through gas and liquid waves?

18. True or False: S-waves are able to pass through earth’s core.

19. What is the earth’s core mostly made of?

20. What do geophysicists use when they want to measure the force of gravity?

21. True or False: The earth’s mantle rock is less dense than a crustal rock of the earth.

22. What way does loadstone normally point if it were to be put on wood?

23. What did Faraday invent to show that there was a connection with electricity and magnetism?

24. What produces fluid motion and convection currents?

25. How is the aurora borealis created?

26. True or False:

27. How and why does the magnetic field reverse itself?

28. How many times does the earth’s magnetic field reverse?

29. When a magnetic reversal occurs, how much does it decrease in intensity and in value?

30. What year did the field of intensity start decreasing?