Review For Final

1. The original model of the solar system had the sun in the center of the universe. False, Earth
2. What is the order of celestial objects in a lunar eclipse?
3. What objects do scientists use light-years to measure the distance between the objects? Stars
4. What is formed on the ocean floor where subduction occurs? Trenches
5. List the 4 inner planets: mercury, venus, earth, mars
6. What processes create a metamorphic rock? Heat & pressure
7. What does the Earth’s orbit around the Sun cause? Years
8. In what Earth layer is the lithosphere found? Crust
9. The existence of what force explains why the planets revolve around the sun? Gravity
10. What makes distinguishes a meteorite from a meteor? It lands on Earth
11. If the light is on the left side of the moon will the moon be a 1st quarter moon or a 3rd quarter moon? 3rd quarter
12. What causes surface ocean currents? Winds
13. What is the term that defines the Earth as the center of the universe? Geocentric
14. What does the Earth’s rotation cause? Day & Night
15. Astronomers would use light-years if they were measuring the distance between planets in our solar system. False
16. What is the order of celestial objects in a solar eclipse?
17. What do we experience on Earth due to the tilt of the Earth? Seasons
18. Give an example of physical/mechanical weathering of a rock: Plant roots, ice, wind
19. List two places where saltwater can be found? Ocean, sea, salt lake
20. Where is most of the water on Earth evaporated from? Ocean
21. What is it called when water forms on the outside of a bottle when it is removed from the fridge?
22. What ocean feature is formed when the seafloor spreads apart? Mid-ocean ridge
23. The sun hits the Earth evenly causing weather? False, unevenly
24. If a sonar signal return quickly is the ocean floor deep or shallow at that point? Shallow
25. What increases evaporation? Heat
26. The gravitational force of the Sun & moon can cause what phenomenon in the Earth’s oceans? Tides
27. Give an example of something farmers can do to help prevent soil erosion: cover crops, crop rotation, windbreaks, contouring plowing
28. What causes deep ocean currents? Differences in density
29. List the 4 outer planets: jupiter, saturn, uranus, neptune
30. What two air masses meet what usually happens with the weather? Storms, rain, clouds
31. When warm air or water rises and cool air or water sinks what is created? Convection currents
32. Is warmer or cooler air more dense? Cool
33. What did scientist call the theory that states the Earth’s continents used to be one but have drifted apart over years? Continental drift
34. List 2 properties of minerals: color, luster, hardness, streak, cleavage/fracture, crystal structure, magnetism
35. If magma cools & hardens what rock is formed? Igneous
36. The inner planets are called terrestrial? True
37. When rock is compacted & cemented what type of rock is formed? Sedimentary
38. When water evaporates from a plant what it is called? Transpiration
39. Give an example of chemical weathering of a rock: oxidation, acid rain, water
40. What is one of the deepest features on the ocean floor? Trench
41. What causes the tectonic plates of the Earth to move? Convection currents in the magma
42. Where is the asthenosphere found in the Earth’s layers?
43. Fossils that were formed during the same period of time and are used to help with relative dating are called? Index fossils
44. What type of water does an aquifer have? Freshwater
45. What does soil need to be fertile? humus/organic matter