**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Geology Spring Final Review #2**

**Space Science (35 Questions on Final)**

1. **Which month is the Earth closest to the sun? Farthest?**
2. **What is the difference between a solar and lunar eclipse?**
3. **What is the different between the term waxing and waning?**
4. **Name the phases of the moon from New moon to the next new moon.**
5. **How long does the cycle of the moon phases approximately take?**
6. **What is the difference between geocentric and heliocentric models of the solar system?**
7. **How did Ptolemy view the solar system?**
8. **How much of the moon is lit at all times?**
9. **What is an equinox?**
10. **What is the difference between summer solstice and winter solstice?**
11. **What is the difference between aphelion and perihelion?**
12. **What did Eratosthenes contribute to astronomy?**
13. **How much mass does the sun account for in our solar system?**
14. **What are the Terrestrial Planets?**
15. **What are the Jovian planets?**
16. **What are general characteristics of Terrestrial planets?**
17. **What are general characteristics of Jovian planets?**
18. **In what part of solar system is Pluto classified?**
19. **Which planet is most like earth?**
20. **Which planet has more moons than any other planet? Name the four main ones?**
21. **Which planet is the windiest planet?**
22. **What is the difference between the moon Triton and the moon Titan?**
23. **Name the types of electromagnetic radiation from the lowest energy to the highest?**
24. **What is the difference between a reflective and refractive telescope?**
25. **What is the Doppler effect, and how does light look that moves closer to a source?**
26. **What is the photosphere?**
27. **What is the chromosphere?**
28. **What are are solar flares and where does it originate from?**
29. **Are sunspots colder or hotter than surrounding solar areas?**
30. **What kind of star is the sun: large size, small size, average size?**
31. **What is solar wind and where does it originate from?**
32. **What is the name of the most famous space telescope that starting orbiting Earth is 1990?**
33. **What kind of reaction keeps stars burning?**
34. **Do smaller or larger absolute magnitude values mean a brighter star?**
35. **Name the types of stars from hottest to coldest and identify which are red, blue, and yellow.**
36. **What is the life sequence of a low mass star?**
37. **What is the life sequence of an average mass star?**
38. **What is the life sequence of a large mass star?**
39. **Where do stars spend most of their lives?**
40. **How are galaxies classified?**
41. **What are the three types of galaxies?**
42. **What does the fate of the universe depend on?**
43. **What are the three possible outcomes of the universe?**
44. **How long ago did the Big Bang happen?**
45. **Put the following in order from smallest to largest: universe, supercluster, galaxy, planet, solar system.**