The Universe – Jupiter, the Giant Planet

1) What are the percentages of Hydrogen and Helium that make up Jupiter?

2) What percentage of the mass of all the planets is contained within Jupiter?

3) According to Andrew Ingersoll, what sort of gas would be needed to keep a balloon afloat in Jupiter's atmosphere?

4) How does Jupiter protect the inner solar system?

5) What happened to Jupiter during a 7-day period in July of 1994?

6) At what speed did the fragments of Shoemaker-Levy 9 approach Jupiter?
7) How many times more frequent are comet strikes on Jupiter than on Earth?

8) Who made the first recorded sighting of the Jupiter system?

9) What Jupiter feature was discovered in 1665?

10) How fast do the winds move within the Great Red Spot?

11) What does Dr. Kevin Baines suppose keeps the Great Red Spot going, providing it with the necessary energy?

12) How many different atmospheric belts and zones girdle Jupiter?
13) What is the source of the names for Jupiter's 4 largest moons?

14) What is believed to be the source of the cracks in the ice sheet covering Europa?

15) What substance is only known to be present in two places in the solar system, Earth and Europa?

16) By what year could the submersible DepthX conceivably find itself exploring Europa?

17) How would DepthX get through Europa's ice sheet?

18) What sort of life do scientists suggest could be found on Europa?
19) What is Jupiter's largest feature, as well as the largest “entity” in the solar system?

20) How many amps of electric current are produced by Jupiter?

21) How wide are Jupiter's aurorae?

22) What spacecraft discovered the source of strange radio emissions from Jupiter?

23) What is the source of material forming Jupiter's ring?

24) What feature of Jupiter could possibly help us to better understand Earth's equivalent feature?