The Universe – Mars, the Red Planet

1) What is the source of the red coloration of Mars' terrain?

2) What is the tallest known peak in the solar system and how high does it rise above the surrounding terrain?

3) How far does the temperature fall at night on Mars?

4) Where does Mars take its name from?

5) How long ago did the Earth and Mars form?

6) What is the solar wind made up of?
7) Where may water likely be found on Mars today?

8) What is the primary composition of the ice at Mars' polar caps?

9) What sort of debris, rather than dry material, is thrown out by meteor impacts on Mars?

10) Whose observations led to the belief by many that canals, built by a Martian civilization, could be seen from Earth?

11) What radio broadcast led to a panic as thousands believed that Earth was being invaded by Martians?

12) What primary surface features on Mars were viewed by NASA's Mariner 4 spacecraft?
13) What is the source of the Tharsis Bulge?

14) How many separate eruptions do we know Olympus Mons has experienced?

15) What NASA mission first put landers on the surface of Mars to take pictures and analyze rock and soil samples?

16) What special object was found by NASA geologists in Antarctica in 1984?

17) What did the rock, dubbed ALH-84001, turn out to be when analyzed in the early 90's?

18) As announced in 1996, what did the team studying ALH-84001 believe they had found evidence of?
19) How often can missions to Mars be mounted?

20) What is the primary job of the Mars exploration rovers?

21) Where did Spirit rover land and what sort of terrain is it?

22) What is the primary goal of the Phoenix lander?

23) What is believed to be the cause of the surface liquid flow that evidence of was discovered in 2005?

24) By what means could life from Mars have been seeded on Earth?