

## Fly Me to the Moon

(not just a Solar System Astronomy Quiz)

1. In which Zurich office did Albert Einstein work at whilst formulating the theory of relativity?

Patent Office

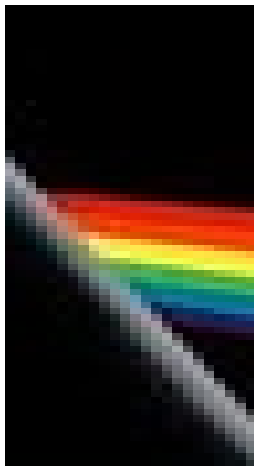
2. Name the 18<sup>th</sup> Astronomer Royal whose observatory was based in which Thames valley town?

Sir William Herschel at Slough

3. Settling initially in Bath what was his profession prior to turning to astronomy?

Musician and composer

4. Name this album and the band.



Pink Floyd Dark Side of the Moon

5. This band 1967 album included the track Interstellar Overdrive. Name this album.

Piper at the Gates of Dawn

6. Name the astronomical named musician famous for his excessive over the top life in addition to his wild stage performances in a 1960's and 70's rock band

Keith Moon

7. Which British guitarist is also qualified as an astrophysicist?

Brian May

8. Sharing a name with (Q7) name this well-known astrophysicist who started out as a musician and name the 80's / early 90's band in which he played keyboards.

Brian Cox. D:Ream

9. Arthur Philip Dent whilst wearing a dressing gown was the hapless protagonist in which comic science fiction series?  
**Hitchhikers Guide to the Galaxy**
10. A factory at (Q2) manufactured which galactic confectionary product launched in 1932?  
**Mars Bars**
11. Which German astronomer discovered the principles of planetary motion?  
**Johannes Kepler**
12. The song Moon River first appeared in which 1961 film? Name the actress who sings this song?  
**Breakfast at Tiffany's. Audrey Hepburn**



13. Name this Michael Jackson's dance.  
**Moon Walk**
14. Name Michael's siblings who performed as the Jackson 5.  
**Jackie, Tito, Jermaine, Marlon**
15. What was Telstar and name the 60's band who had an instrumental hit with this name.  
**Television communication satellite. The Tornados**

16. Name the first female Soviet cosmonaut.  
**Valentina Tereshkova,**
17. When will Hailey's Comet next be observed from earth  
**2061**
18. 'A Mars a day helps you work, rest and play'. In which year was it launched from the Slough factory?  
**1922**
19. In which galaxy lies the Solar System?  
**The Milky Way**



20. In which film did David Bowie play the alien Thomas Jerome Newton  
**The Man Who Fell to Earth**
21. What is significant about the planet Vulcan?  
**It never existed despite being "observed" by several 19<sup>th</sup> century astronomers.**
22. Name the two blockbusting 1977 movies directed by Spielberg and Lucas  
**Close Encounters of the Third Kind Steven Spielberg**  
**Star Wars George Lucas**

23. Which of these films borrows the plot from a Japanese Samurai film 'The Hidden Forest' directed by Akira Kurosawa?

Star Wars

24. In which series of comic Sci-Fi novels does the reluctant hero Arthur Dent appear?

The Hitchhiker's Guide to the Galaxy

25. In which year was the International Space Station launched?

1998

26. Which is longer, the moon's diameter or the width of Australia (India to Pacific oceans)?

Moon diameter 2,159.2 miles 3,475 km Australia width of approximately 2398 miles 3,860 km

27. In which civilisation was Coyolxauhqui a moon goddess?

Aztec

28. Timewise how many seconds does light reach from the moon to earth and also sun to earth?

Light travels from the moon to our eyes in about 1 second, which means the moon is about 1 light-second away. Sunlight takes about 8 minutes

29. What is the speed of light per second?

300,000 kilometres per second (186,000 miles per second).

30. In which long Sci-Fi running series do the terrifying Weeping Angels appear?

Dr Who